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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2012 Missile Defense Agency **DATE:** February 2011

<b>APPROPRIATION/BUDGET ACTIVITY</b>				<b>R-1 ITEM NOMENCLATURE</b>							
0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>				PE 0603898C: <i>BMD JOINT WARFIGHTER SUPPORT</i>							
<b>COST (\$ in Millions)</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012 Base</b>	<b>FY 2012 OCO</b>	<b>FY 2012 Total</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
Total Program Element	58.105	68.726	41.225	-	41.225	58.089	55.961	56.479	60.684	Continuing	Continuing
YX03: <i>Joint Warfighter</i>	53.548	-	-	-	-	-	-	-	-	0.000	53.548
XX03: <i>Joint Warfighter Sustainment</i>	1.260	-	-	-	-	-	-	-	-	0.000	1.260
MD03: <i>Joint Warfighter Support</i>	-	66.414	39.535	-	39.535	55.656	53.450	54.064	58.097	Continuing	Continuing
ZX40: <i>Program-Wide Support</i>	3.297	-	-	-	-	-	-	-	-	0.000	3.297
MD40: <i>Program-Wide Support</i>	-	2.312	1.690	-	1.690	2.433	2.511	2.415	2.587	Continuing	Continuing

**Note**

In accordance with the Missile Defense Agency revised budget structure, the content previously planned in Projects XX03 and YX03 are now captured in Project MD03 beginning in FY 2011.

**A. Mission Description and Budget Item Justification**

The Joint Warfighter Support Program enables the Warfighter and the Developer to work together to coordinate:

- System attributes, capability needs, and the identification of gaps and seams in warfighting capability
- Inputs to BMDS development and product improvements (through Modification and Fielding Requests)
- Timely responses to Warfighter Requests for Information and Requests for Analyses to support contingency and routine BMDS operations
- BMDS objectives incorporated into Combatant Commander and Developer-sponsored wargames and exercises
- System-level training/mission rehearsal for fielded capabilities and familiarization on new capabilities
- System level sustainment, operations support and operational readiness of the fielded BMDS

The Joint Warfighter Support Program enables the effective delivery of BMDS capabilities to the Warfighter and ensures Warfighter participation in the identification and development of new capabilities via the Warfighter Involvement Process. The Joint Warfighter Support Program is executed within a single project, Joint Warfighter Support, through the performance of the following major functions/tasks:

- Enable Joint Staff and Service collaboration on BMDS issues by providing strategic level interfaces among MDA, the Military Services, COCOMs, the Joint Staff, and the Office of the Under Secretary of Defense for Policy (OSD (P))
- Focus on cross-Departmental initiative (such as the transition of BMDS Elements to the Services), and cross-Departmental Corporate Boards (such as the Missile Defense Executive Board)

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0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>		PE 0603898C: <i>BMD JOINT WARFIGHTER SUPPORT</i>
<ul style="list-style-type: none"> <li>- Develop and maintain the BMDS Operational Readiness Reporting System (BORRS) to track and report up to the minute BMDS operational readiness, configuration control and situational awareness information and provide technical assistance that enables senior leader decisions and also provides data for accurate operational availability and reliability cost drivers</li> <li>- Develop and maintain up to the minute BMDS situational awareness and provide technical assistance that enables senior leader decisions</li> <li>- Plan and execute real time BMDS Asset Management, Configuration Management, Operational Readiness and Fielding Integration in support of the Warfighter and MDA</li> <li>- Perform 24 hours a day, 7 days a week, 365 days a year BMDS Operations Support /coordinate BMDS Asset Management, and monitor/ report BMDS status through the MDA Operations Support Center and BMDS Watch Officers</li> <li>- Develop and maintain system level BMDS Training and Education activities matched to the latest BMDS configurations</li> <li>- Integrate BMDS-Level training and education Into Joint and Service schools and training environments</li> <li>- Contribute to Concepts and Plans that examine evolving and predicted BMDS capabilities to ensure the BMDS keeps pace with the evolving technical and strategic environment</li> <li>- Ensure Warfighter input to the BMDS development effort via the Warfighter Involvement Process in a timely manner</li> <li>- Update all Exercises and Wargames to reflect current and emerging BMDS capabilities to allow hands on, system exposure and user training and feedback to the Developer</li> <li>- Conduct annual or semi-annual Exercises and Wargames for current and emerging BMDS capabilities that allow user training and feedback to the developer</li> <li>- Coordinate BMDS-wide Integrated Operational Support policies and procedures for each new BMDS capability delivery</li> <li>- Provide direct and timely support to the Geographic Combatant Commanders to ensure Warfighter participation in applicable exercises, wargaming and training activities</li> <li>- Maintain continuous Joint Staff interface to MDA, monitor Joint Staff initiatives that impact the BMDS, and provide timely and accurate responses to all Joint Staff Requests for Information and Requests for Analyses</li> <li>- Support Military Services in the efficient and cost-effective transition of BMDS elements by facilitating their involvement in planning and cost estimating in the earliest phases of BMDS elements` development</li> <li>- Provide MDA planning and Requests for Information and Analysis program in support of COCOM`s and Functional Commands</li> <li>- Provide MDA planning support to COCOMs during contingency periods through Crisis Planning Teams (CPT)</li> </ul>		

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<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0603898C: <i>BMD JOINT WARFIGHTER SUPPORT</i>
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<b>B. Program Change Summary (\$ in Millions)</b>	<b><u>FY 2010</u></b>	<b><u>FY 2011</u></b>	<b><u>FY 2012 Base</u></b>	<b><u>FY 2012 OCO</u></b>	<b><u>FY 2012 Total</u></b>
Previous President's Budget	61.098	68.726	62.239	-	62.239
Current President's Budget	58.105	68.726	41.225	-	41.225
Total Adjustments	-2.993	-	-21.014	-	-21.014
• Congressional General Reductions		-			
• Congressional Directed Reductions		-			
• Congressional Rescissions	-	-			
• Congressional Adds		-			
• Congressional Directed Transfers		-			
• Reprogrammings	-0.765	-			
• SBIR/STTR Transfer	-1.175	-			
• Other Adjustment Detail	-1.053	-	-21.014	-	-21.014

**Change Summary Explanation**

The FY 2012 \$21.014 million dollar decrease in this program element is the result of program adjustments and \$1.023 million in efficiency savings.

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2012 Missile Defense Agency									<b>DATE:</b> February 2011		
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>				<b>R-1 ITEM NOMENCLATURE</b> PE 0603898C: <i>BMD JOINT WARFIGHTER SUPPORT</i>				<b>PROJECT</b> YX03: <i>Joint Warfighter</i>			
<b>COST (\$ in Millions)</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012 Base</b>	<b>FY 2012 OCO</b>	<b>FY 2012 Total</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
YX03: <i>Joint Warfighter</i>	53.548	-	-	-	-	-	-	-	-	0.000	53.548
Quantity of RDT&E Articles	0	0	0		0	0	0	0	0		

**A. Mission Description and Budget Item Justification**  
Project YX03 has been transferred to project MD03

**B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)**

	FY 2010	FY 2011	FY 2012
<b>Title:</b> See Project MD03 for FY 2010 Accomplishments  <b>Description:</b> See Description Below  <b>FY 2010 Accomplishments:</b>	53.548 0	-	-
<b>Accomplishments/Planned Programs Subtotals</b>	53.548	-	-

**C. Other Program Funding Summary (\$ in Millions)**  
N/A

**D. Acquisition Strategy**  
NA

**E. Performance Metrics**  
NA

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2012 Missile Defense Agency									<b>DATE:</b> February 2011		
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>				<b>R-1 ITEM NOMENCLATURE</b> PE 0603898C: <i>BMD JOINT WARFIGHTER SUPPORT</i>				<b>PROJECT</b> XX03: <i>Joint Warfighter Sustainment</i>			
<b>COST (\$ in Millions)</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012 Base</b>	<b>FY 2012 OCO</b>	<b>FY 2012 Total</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
XX03: <i>Joint Warfighter Sustainment</i>	1.260	-	-	-	-	-	-	-	-	0.000	1.260
Quantity of RDT&E Articles	0	0	0		0	0	0	0	0		
<b>A. Mission Description and Budget Item Justification</b> Project XX03 has been transferred to project MD03											
<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>									<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>
<b>Title:</b> See Project MD03 for FY 2010 Accomplishments  <b>Description:</b> See Description Below  <b>FY 2010 Accomplishments:</b>									<b>Articles:</b> 1.260 0	-	-
<b>Accomplishments/Planned Programs Subtotals</b>									1.260	-	-
<b>C. Other Program Funding Summary (\$ in Millions)</b> N/A											
<b>D. Acquisition Strategy</b> NA											
<b>E. Performance Metrics</b> NA											

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Missile Defense Agency									DATE: February 2011		
APPROPRIATION/BUDGET ACTIVITY 0400: Research, Development, Test & Evaluation, Defense-Wide BA 4: Advanced Component Development & Prototypes (ACD&P)				R-1 ITEM NOMENCLATURE PE 0603898C: BMD JOINT WARFIGHTER SUPPORT				PROJECT MD03: Joint Warfighter Support			
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
MD03: Joint Warfighter Support	-	66.414	39.535	-	39.535	55.656	53.450	54.064	58.097	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0		0	0	0	0	0		

**Note**

In accordance with the Missile Defense Agency revised budget structure, the content previously planned in Project XX03 and YX03 are now captured in Project MD03 beginning in FY11.

**A. Mission Description and Budget Item Justification**

The Joint Warfighter Support Program is planned and executed jointly by the Warfighter Strategic Support Directorate and the Warfighter Operational Support Directorate. The Warfighter Strategic Support Directorate executes BMDS Operational Support and BMDS Education and Training and is responsible for interfacing and coordinating with the Functional Combatant Commands, the Joint Staff and Services. The Warfighter Operational Support Directorate executes Wargames and Exercises, BMDS Capability Delivery and is responsible for interfacing with Geographic Combatant Commands.

Joint Warfighter Support is comprised of six primary functions/responsibilities/tasks: 1) Geographic Combatant Commander Support; 2) Joint Staff, Service and Functional Combatant Commander Integration; 3) Operations Support; 4) Exercises and Wargames; 5) BMDS Training and Education; 6) Plans and Capability Delivery.

1) Geographic Combatant Commander Support

The Warfighter Operational Support Directorate is responsible for interfacing with Geographic Combatant Commands for BMDS capabilities delivered and for assessing MDA's ability to provide current and future capabilities to meet warfighting needs.

2) Joint Staff, Service and Functional Combatant Commander Integration

The Developer-Warfighter Interface is critically important to the effective and efficient fielding of BMDS capabilities worldwide. To this end, the Warfighter Strategic Support Directorate maintains a Joint Staff, Service and Combatant Commander integration responsibility.

3) Operations Support

The Warfighter Strategic Support Directorate performs the critical and unique function of providing around the clock BMDS Operations Support to MDA leadership and Warfighter stakeholders at Combatant Commander staffs, Functional Component Commands and military units. Current operations support includes but is not limited to: maintaining the MDA operations Support Center at the MDIOC at Schriever AFB CO 24 hours a day, 7 days a week, 365 days a year and the MDA Mission

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<p>Operations Center at MDA HQ 5 days per week; the planning and execution of scheduled maintenance, upgrades and testing using the Asset Management System; maintaining strict control of BMDS architecture configurations, consistent with the Operations Capacity Baseline and Event Owner needs as properly scheduled; the measurement and accounting of BMDS Operational Availability, Equipment Readiness Rates and Warfighter Availability; reporting Commanders Critical Information Requirements as defined by MDA leadership; maintaining a current and accurate BMDS Handbook; and readiness to support Warfighter Exercises or Real World Contingencies on short notice.</p> <p>4) Exercises and Wargames Conducting exercises and wargames enables end-user mission training, qualification, certification and rehearsal of mission operations, strengthens user confidence in the current system and shapes development of the future BMDS. This activity enables the Warfighter to build missile defense plans and Tactics, Techniques and Procedures for the near term BMDS, and then tests execution of those plans via high fidelity simulations. It also incorporates system engineering and interoperability test activities, when possible, to leverage MDA materiel development events by providing real-world training to operators. This activity provides analysis support, as required, for each wargame and exercise to conduct data collection and analysis, and prepares and publishes an event After Action Assessment Report. Finally, exercises and wargames create the conditions for continued, in-depth foreign and/or international participation in BMDS operations and development. Geographic Combatant Commander Support enables key Warfighters to participate in selected MDA activities, wargames and exercises to obtain their input and feedback on the BMDS developmental processes. Every year BMDS overlays are incorporated into Combatant Command Tier 1 Exercises to enable end-user mission rehearsal and sustainment training, qualification and certification of BMDS operations. The yearly, or in some cases every other year, exercises are necessary for both familiarization of the user, but also to ensure capability upgrades accomplished in each BMDS capability upgrade are added to the exercise and training scenarios. By involving participating Combatant Commands in building coherent missile defense plans and Tactics, Techniques and Procedures for the near term BMDS, and then testing cohesive execution of those plans via high fidelity simulations, this effort optimizes BMDS operational effectiveness.</p> <p>5) BMDS Training and Education This activity develops and maintains BMDS Training and Education at the system level that is not conducted by the Services. Courses for Joint Warfighters, Department of Defense officials and the Services provide critical knowledge on BMDS capabilities and system operation. A key part of this activity includes developing BMDS educational courses and conducting education and training of select BMDS stakeholders, staffs and organizations on emerging BMDS capabilities development. As new BMDS capabilities are transitioned to the field, upgrades and improvements will be incorporated to maintain the requisite level of training.</p> <p>6) Plans and Capability Delivery These functions enable effective operation of emerging and future BMDS material capabilities and technologies. These activities result in Warfighter development of new BMDS employment constructs and Concepts of Operation. They also serve MDA as the vehicle for the Warfighter Involvement Process which seeks user feedback and guidance to shape future capability development of the BMDS and serves as the lead for the conduct of operational readiness assessments and Military Utility Assessments for the BMDS and is the integration point for the Warfighter Requests for Information and Requests for Analyses. These processes also provide Joint</p>		

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Missile Defense Agency		DATE: February 2011		
APPROPRIATION/BUDGET ACTIVITY 0400: Research, Development, Test & Evaluation, Defense-Wide BA 4: Advanced Component Development & Prototypes (ACD&P)	R-1 ITEM NOMENCLATURE PE 0603898C: BMD JOINT WARFIGHTER SUPPORT	PROJECT MD03: Joint Warfighter Support		
Warfighter support to include, for example, Aegis Ashore site surveys and feasibility studies leading to the deployment of C2BMC and TPY-2 to OCONUS sites, and support to GMD firing doctrine analysis for Combatant Commanders.				
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2010	FY 2011	FY 2012
Title: BMDS Materiel Readiness		-	0.378	1.088
Articles:		0	0	0
Description: See Description Below				
FY 2010 Accomplishments: Funding for these FY 2010 accomplishments are reported in prior year budget project YX03 (\$.361M)				
-Further solidified the relationships between the Readiness Directorate (DWL), MDA`s Elements and external readiness stakeholders to continue working readiness issues across the Agency				
-Refined the process for implementing the Readiness Surge Team (RST) by assessing how the RST is assembled, executed and reviewed lessons learned				
-Assessed compliance and updated the Ballistic Missile Defense System (BMDS) Readiness Directive as necessary				
-Assessed compliance and updated the Item Unique Identifier (IUID) Implementation Instructions as necessary				
-Discontinued the existing Ballistic Missile Defense System Integrated Logistics Support Working Group (BMDS ILSWG) and established a Quarterly Readiness Integrated Product Team (IPT). The team assembled MDA`s logistics personnel, open to outside Stakeholders (Services/Combatant Commands), identified and resolved readiness issues that impacted the operational capability to the Warfighter				
-Established a Quarterly Item Unique Identifier (IUID) Integrated Product Team (IPT) where MDA organizations reported progress, identified and resolved issues, shared lessons learned, and gauged adherence to Acquisition, Technology and Logistics (AT&L) IUID policy				
-Continued hosting the Logistics Functional Manager Meetings to provide direction to the Logistics Functional Leads on policy, personnel issues, and capitalized on logistics successes and helped minimize challenges				
-Continued to provide one full-time Missile Defense Agency Engineering Support Services (MiDAESS) integrator, subject matter experts and technical evaluation team members for source selection activities				
-Participated in program change management activities, baseline working groups and Capability Delivery Readiness Reviews (CDRR)Initiated the teaming support concept that provided a bridge between the Functional Manager and Functional Lead by engaging in element operational readiness activities				
-Supported Contingency Analysis and Activation Team (CAAT) activities by providing staff functions associated with a G-4 (Logistics and Transportation) for the contingency activation or emergency use of Missile Defense Agency assets by the				

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<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>		<b>FY 2010</b>	<b>FY 2011</b>
<p>Warfighter. Provided integration of logistics and transportation support during the Planning, Deployment, Employment and Redeployment phases</p> <p><b>FY 2011 Plans:</b></p> <ul style="list-style-type: none"> <li>-Perform life cycle Ballistic Missile Defense System (BMDS) readiness policy, planning, analysis and assessment in support of the Materiel (M) function of the Doctrine, Organization, Training, Materiel, Leadership, Personnel and Facilities (DOTMLPF)</li> <li>-Execute Logistics Functional Manager duties, including training, mentoring and leading the logistics workforce</li> <li>-Execute personnel actions on behalf of the Logistics Functional Leads, to include updating the manpower database, recruit new hires, conduct personnel reviews and pay pools</li> <li>-Provide one full time MDA Engineering Support Services (MiDAESS) Integrator</li> <li>-Conduct Quarterly Readiness Integrated Product Team (IPT) meeting</li> <li>-Establish Item Unique Identification (IUID) Policy and establish IUID IPT to monitor compliance</li> <li>-Execute Overarching MOA governing Logistics Personnel</li> <li>-Implement BMDS Readiness Directive and monitor compliance</li> <li>-Refine and implement the Readiness Surge Team Support process</li> <li>-Develop, refine and implement MDA Transportation Cell</li> <li>-Develop, refine and implement MDA Property Management Office</li> <li>-Develop and conduct MDA Logistics Conference</li> </ul> <p><b>FY 2012 Plans:</b></p> <ul style="list-style-type: none"> <li>-Perform life cycle Ballistic Missile Defense System (BMDS) readiness policy, planning, analysis and assessment in support of the Materiel (M) function of the Doctrine, Organization, Training, Materiel, Leadership, Personnel and Facilities (DOTMLPF)</li> <li>-Execute Logistics Functional Manager duties, including training, mentoring and leading the logistics workforce</li> <li>-Execute personnel actions on behalf of the Logistics Functional Leads, to include updating the manpower database, recruit new hires, conduct personnel reviews and pay pools</li> <li>-Provide one full time MDA Engineering Support Services (MiDAESS) Integrator</li> <li>-Conduct Quarterly Readiness Integrated Product Team (IPT) meeting</li> <li>-Continue conduct of Item Unique Identification (IUID) IPT to monitor IUID IPT policy compliance</li> <li>-Execute overarching MOA governing Logistics Personnel</li> <li>-Implement BMDS Readiness Directive and monitor compliance</li> <li>-Refine and implement the Readiness Surge Team Support process</li> <li>-Develop, refine and implement MDA Transportation Cell</li> <li>-Develop, refine and implement MDA Property Management Office</li> </ul>			

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<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>		<b>FY 2010</b>	<b>FY 2011</b>
-Develop and conduct MDA Logistics Conference			
<b>Title:</b> Warfighter Operational Support		-	42.253
		<b>Articles:</b> 0	0
<b>Description:</b> See Description Below			
<b>FY 2010 Accomplishments:</b> This plan was captured in budget project YX03 in Exercise and Wargames (\$24.908M), Warfighter Interface Management and Combatant Commander (COCOM) Support (\$3.978M) and Plans and Capability Delivery (\$1.693M).  -Global Lightning Exercise Series 1Q FY 2010 -NIMBLE TITAN Wargame Series 2Q FY 2010 -VIGILENT SHIELD Exercise Series 1Q FY 2010 -JUNIPER COBRA -ARDENT SENTRY Exercise Series 3Q FY 2010 -AUSTERE CHALLENGE Exercise Series 3Q FY 2010 -BMDS Joint ILS Mgt Team Conference 3Q FY 2010 -BMDS Logistics Support Contingency Plan Update 3Q FY 2010 -EAGLE RESOLVE Exercise Series 3Q FY 2010 -GLOBAL STORM Exercise Series 3Q FY 2010 -TERMINAL FURY Exercise Series 3Q FY 2010 -GLOBAL THUNDER Exercise Series 4Q FY 2010 -KEEN EDGE Exercise Series 2Q FY 2010 -INTERNAL LOOK Exercise Series 1Q FY 2010 -AIR AND MISSILE DEFENSE EXERCISE 1Q-4Q FY 2010 -ASSURED RESPONSE Exercise Series 4Q FY 2010 -NATIONAL MISSILE DEFENSE CONFERENCE WARGAME 2Q FY 2010 -MULTINATIONAL MISSILE DEFENSE CONFERENCE WARGAME 3Q FY 2010 -Continued to provide support for Component Command participants to attend numerous Missile Defense exercises and wargames. Supported travel requirements of the Directorate for Warfighter Interface Civilian and Military staff, to attend various exercises, wargames, planning conferences and technology conferences. Provided Contractor Technical Services Support to the Directorate for Warfighter Interface -Supported Component Command Tabletop Exercises to facilitate the development of Regional Concepts of Operation			

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<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>		<b>FY 2010</b>	<b>FY 2011</b>
<ul style="list-style-type: none"> <li>-Assisted Warfighters to update the annual BMDS Prioritized Capabilities List to reflect changes in Component Command priorities for needed BMDS enhancements</li> <li>-Assisted Strategic Command with its annual BMDS Military Utility Assessment</li> <li>-Continued to work with the Program Offices and the Warfighter to establish Concepts of Operation for transitioning BMDS capabilities</li> <li>-Continued Service coordination to resolve transition and transfer issues via decision-focused Board of Director meetings with each of the Military Services</li> <li>-Continued to support Weapon System Reviews as required with the Lead Service to inform them on BMDS capabilities and cost estimates in order to facilitate future transition/transfer</li> <li>-Coordinated efforts with the designated Lead Services to facilitate transition/transfer of BMDS capabilities</li> <li>-Continued to prepare the MDA leadership on representing the Agency to the Missile Defense Executive Board on critical BMDS related topics/decisions</li> <li>-Emphasized regional level capabilities in support of real-world operations/contingencies</li> </ul> <p><b>FY 2011 Plans:</b> This plan was captured in budget project MD03 Exercise and Wargames (\$35.636M), Warfighter Interface Management and Combatant Commander (COCOM) Support (\$6.069M) and Plans and Capability Delivery (.5475M).</p> <ul style="list-style-type: none"> <li>-AIR MISSILE DEFENSE 11-01 Centcom Exercise 1 1Q FY 2011</li> <li>-AIR MISSILE DEFENSE 11-01 Centcom Exercise 2 2Q FY 2011</li> <li>-AIR MISSILE DEFENSE 11-01 Centcom Exercise 3 3Q FY 2011</li> <li>-AIR MISSILE DEFENSE 11-01 Centcom Exercise 4 4Q FY 2011</li> <li>-AIR MISSILE DEFENSE 11-01 Eucom Exercise 1 1Q FY 2011</li> <li>-AIR MISSILE DEFENSE 11-01 Eucom Exercise 2 2Q FY 2011</li> <li>-AIR MISSILE DEFENSE 11-01 Eucom Exercise 3 3Q FY 2011</li> <li>-AIR MISSILE DEFENSE 11-01 Eucom Exercise 4 4Q FY 2011</li> <li>-ARMY CENTRAL COMMAND INTEGRATED AIR MISSILE DEFENSE SYMP 2Q FY 2011</li> <li>-ASSURED RESPONSE 04X Exercise Event 1Q FY 2011</li> <li>-ASSURED RESPONSE Exercise Event 4Q FY 2011</li> <li>-ASSURED RESPONSE Exercise Planning 2Q FY 2011</li> <li>-BMDS WARGAME Series Event 1Q FY 2011</li> <li>-EAGLE RESOLVE 11 Exercise Event 3Q FY 2011</li> <li>-EAGLE RESOLVE 11 Exercise Planning 2Q FY 2011</li> </ul>			

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<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>			<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>
-GLOBAL LIGHTNING 11 Exercise Event 3Q FY 2011 -GLOBAL THUNDER 11-1 Exercise Event 1Q FY 2011 -GLOBAL THUNDER 11-2 Exercise Event 3Q FY 2011 -JOINT AIR DEFENSE Centcom Exercise Event 1 1Q FY 2011 -JOINT AIR DEFENSE Centcom Exercise Event 2 1Q FY 2011 -JOINT AIR DEFENSE Centcom Exercise Event 3 2Q FY 2011 -JOINT AIR DEFENSE Centcom Exercise Event 4 2Q FY 2011 -JOINT AIR DEFENSE Centcom Exercise Event 5 3Q FY 2011 -JOINT AIR DEFENSE Centcom Exercise Event 6 3Q FY 2011 -JOINT AIR DEFENSE Centcom Exercise Event 7 4Q FY 2011 -JOINT AIR DEFENSE Centcom Exercise Event 8 4Q FY 2011 -JOINT AIR DEFENSE Eucom Exercise Event 1 1Q FY 2011 -JOINT AIR DEFENSE Eucom Exercise Event 2 1Q FY 2011 -JOINT AIR DEFENSE Eucom Exercise Event 3 2Q FY 2011 -JOINT AIR DEFENSE Eucom Exercise Event 4 2Q FY 2011 -JOINT AIR DEFENSE Eucom Exercise Event 5 3Q FY 2011 -JOINT AIR DEFENSE Eucom Exercise Event 6 3Q FY 2011 -JOINT AIR DEFENSE Eucom Exercise Event 7 4Q FY 2011 -JOINT AIR DEFENSE Eucom Exercise Event 8 4Q FY 2011 -KEEN EDGE 12 Exercise Planning 3Q FY 2011 -KEY RESOLVE 11 Exercise Event 2Q FY 2011 -KEY RESOLVE 12 Exercise Planning 3Q FY 2011 -MULTI-NATIONAL MISSILE DEFENSE CONFERENCE WARGAME 4Q FY 2011 -NATIONAL MISSILE DEFENSE CONFERENCE WARGAME 2Q FY 2011 -SHARP SENTRY Table Top Exercise 1 Event 2Q FY 2011 -SHARP SENTRY Table Top Exercise 2 Event 2Q FY 2011 -SHARP SENTRY Table Top Exercise 3 Event 2Q FY 2011 -SHARP SENTRY Table Top Exercise 4 Event 3Q FY 2011 -SHARP SENTRY Table Top Exercise 5 Event 3Q FY 2011 -SHARP SENTRY Table Top Exercise 6 Event 3Q FY 2011 -SHARP SENTRY Table Top Exercise 7 Event 4Q FY 2011 -SHARP SENTRY Table Top Exercise 8 Event 4Q FY 2011 -SHARP SENTRY Table Top Exercise 9 Event 4Q FY 2011					

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<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>			<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>
<ul style="list-style-type: none"> <li>-TALISMAN SABRE Event 4Q FY 2011</li> <li>-TERMINAL FURY 11 Exercise Event 3Q FY 2011</li> <li>-TERMINAL FURY 12 Exercise Planning 3Q FY 2011</li> <li>-ULCHI FREEDOM GUARD 11 Event 4Q FY 2011</li> <li>-ULCHI FREEDOM GUARD 11 Planning 1Q FY 2011</li> <li>-VIGILANT SHIELD 11-1 Exercise Event 1Q FY 2011</li> <li>-Provide support for Component Command participants to attend numerous missile defense exercises and wargames</li> <li>-Support travel requirements of the Directorate for Warfighter Interface Civilian and Military staff, to attend various exercises, wargames, planning conferences and technology conferences</li> <li>-Provide Contractor Technical Services Support to the Directorate for Warfighter Interface</li> <li>-Enables the Warfighter to define, test, deploy and employ new missile defense capabilities</li>   <li>-Train to maintain proficiency with current capabilities</li> <li>-Provide feedback and support involvement in MDA's BMDS development process</li> <li>-Support to the Joint Functional Component Commander for Integrated Missile Defense BMDS Table Top Exercise(s) to facilitate the Global Missile Defense Capability and to refine the European Capability Concept of Operations through low fidelity demonstration modeling simulations and MDA coordination</li> <li>-Develop Table Top evolutions to include future concepts (Early Intercept) and BMDS assets; conducting System Capability Reviews of new BMDS assets approaching the timeline to be fielded</li> <li>-Provide 24 hours a day, 7 days a week, 365 days a year MDA analysis support to Warfighter Exercises and to the Joint Staff, Services and Combatant Commands in order to document, validate, and prioritize new BMDS capabilities desired by the Warfighters, as well as enhancements to the characteristics of fielded capabilities through the Warfighter Involvement Process</li> <li>-Annual update of the BMDS Prioritized Capabilities List reflecting Combatant Command priorities for needed BMDS enhancements</li> <li>-Conduct Studies and Analyses, as required, to examine emergent Single Integrated Air Picture issues from a BMDS perspective and assess emerging technologies, studies, and theories for incorporation into future BMDS development</li> <li>-Conduct Studies and Analyses to support Joint Staff and Service BMDS Integration efforts required to ensure all aspects of the BMDS successfully transition from development to field use</li> <li>-Conduct BMDS Table Top exercises with low fidelity demonstrations for our friends and allies, working with the MDA Deputy for International Programs and the Combatant Commanders</li> <li>-Work with the Terminal High-Altitude Area Defense, and other Program Offices and the Warfighter to establish Concepts of Operations that will support future MDA development</li> <li>-Manage MDA/Geographic Combatant Command (COCOM) interfaces</li> </ul>					

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<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>		<b>FY 2010</b>	<b>FY 2011</b>
-Provide support to the development and update of BMD portions of COCOM Operation Plans (OPLANS) and Contingency Plans (CONPLANS) -Provide support to the BMDS Capability Delivery process and transition and transfer to the services -Support USSTRATCOM with development of the annual BMDS Military Utility Assessment  <b>FY 2012 Plans:</b> -AIR MISSILE DEFENSE 12 Centcom Exercise 1 1Q FY 2012 -AIR MISSILE DEFENSE 12 Centcom Exercise 2 2Q FY 2012 -AIR MISSILE DEFENSE 12 Centcom Exercise 3 3Q FY 2012 -AIR MISSILE DEFENSE 12 Centcom Exercise 4 4Q FY 2012 -AIR MISSILE DEFENSE 12 Eucom Exercise 1 1Q FY 2012 -AIR MISSILE DEFENSE 12 Eucom Exercise 2 2Q FY 2012 -AIR MISSILE DEFENSE 12 Eucom Exercise 3 3Q FY 2012 -AIR MISSILE DEFENSE 12 Eucom Exercise 4 4Q FY 2012 -ARMY CENTRAL COMMAND INTEGRATED AIR MISSILE DEFENSE SYMP 3Q FY 2012 -ASSURED RESPONSE Exercise Series 4Q FY 2012 -BMDS WARGAME Series Event 3Q FY 2012 -CONGRESSIONAL WARGAME 2Q FY 2012 -CONSOLIDATED PLANNING Exercise Event 4Q FY 2012 -CONSOLIDATED PLANNING Exercise Planning 2Q FY 2012 -EAGLE RESOLVE 12 Exercise Event 3Q FY 2012 -GLOBAL LIGHTNING 12 Exercise Event 3Q FY 2012 -GLOBAL LIGHTNING 12 Exercise Planning 2Q FY 2012 -GLOBAL THUNDER 13 Planning 3Q FY 2012 -JOINT AIR DEFENSE Centcom Exercise Event 1 1Q FY 2012 -JOINT AIR DEFENSE Centcom Exercise Event 2 1Q FY 2012 -JOINT AIR DEFENSE Centcom Exercise Event 3 2Q FY 2012 -JOINT AIR DEFENSE Centcom Exercise Event 4 2Q FY 2012 -JOINT AIR DEFENSE Centcom Exercise Event 5 3Q FY 2012 -JOINT AIR DEFENSE Centcom Exercise Event 6 3Q FY 2012 -JOINT AIR DEFENSE Centcom Exercise Event 7 4Q FY 2012 -JOINT AIR DEFENSE Centcom Exercise Event 8 4Q FY 2012 -JOINT AIR DEFENSE Eucom Exercise Event 1 1Q FY 2012			

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<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>		<b>FY 2010</b>	<b>FY 2011</b>
<ul style="list-style-type: none"> <li>-JOINT AIR DEFENSE Eucom Exercise Event 2 1Q FY 2012</li> <li>-JOINT AIR DEFENSE Eucom Exercise Event 3 2Q FY 2012</li> <li>-JOINT AIR DEFENSE Eucom Exercise Event 4 2Q FY 2012</li> <li>-JOINT AIR DEFENSE Eucom Exercise Event 5 3Q FY 2012</li> <li>-JOINT AIR DEFENSE Eucom Exercise Event 6 3Q FY 2012</li> <li>-JOINT AIR DEFENSE Eucom Exercise Event 7 4Q FY 2012</li> <li>-JOINT AIR DEFENSE Eucom Exercise Event 8 4Q FY 2012</li> <li>-JOINT PROJECT OPTIC WINDMILL 2013 Planning 2Q FY 2012</li> <li>-KEEN EDGE 12 Exercise Event 2Q FY 2012</li> <li>-KEY RESOLVE 12 Exercise Event 2Q FY 2012</li> <li>-KEY RESOLVE 13 Exercise Planning 3Q FY 2012</li> <li>-MISSILE DEFENSE CONFERENCE 2Q FY 2012</li> <li>-MULTI-NATIONAL MISSILE DEFENSE CONFERENCE WARGAME 4Q FY 2012</li> <li>-NATIONAL MISSILE DEFENSE CONFERENCE WARGAME 2Q FY 2012</li> <li>-NIMBLE TITAN 12 Wargame Event 3Q FY 2012</li> <li>-TERMINAL FURY 12 Exercise Event 3Q FY 2012</li> <li>-ULCHI FREEDOM GUARD 12 Event 3Q FY 2012</li> <li>-ULCHI FREEDOM GUARD 12 Planning 1Q FY 2012</li> <li>-VIGILANT SHIELD 11-2 Exercise Event 1Q FY 2012</li> <li>-VIGILANT SHIELD 13 Exercise Planning 3Q FY 2012</li> <li>-Provide support for Component Command participants to attend numerous missile defense exercises and wargames</li> <li>-Support travel requirements of the Directorate for Warfighter Interface Civilian and Military staff, to attend various exercises, wargames, planning conferences and technology conferences</li> <li>-Provide Contractor Technical Services Support to the Directorate for Warfighter Interface</li> <li>-Enables the Warfighter to define, test, deploy and employ new missile defense capabilities</li> <li>-Train to maintain proficiency with current capabilities</li> <li>-Provide feedback and support involvement in MDA's BMDS development process</li> <li>-Support to the Joint Functional Component Commander for Integrated Missile Defense BMDS Table Top Exercise(s) to facilitate the Global Missile Defense Capability and to refine the European Capability Concept of Operations through low fidelity demonstration modeling simulations and MDA coordination</li> <li>-Develop Table Top evolutions to include future concepts (Early Intercept) and BMDS assets; conducting System Capability Reviews of new BMDS assets approaching the timeline to be fielded</li> </ul>			

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<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>			<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>
-Provide 24 hours a day, 7 days a week, 365 days a year MDA analysis support to Warfighter Exercises and to the Joint Staff, Services and Combatant Commands in order to document, validate, and prioritize new BMDS capabilities desired by the Warfighters, as well as enhancements to the characteristics of fielded capabilities through the Warfighter Involvement Process -Annual update of the BMDS Prioritized Capabilities List reflecting Combatant Command priorities for needed BMDS enhancements -Conduct Studies and Analyses, as required, to examine emergent Single Integrated Air Picture issues from a BMDS perspective and assess emerging technologies, studies, and theories for incorporation into future BMDS development -Conduct Studies and Analyses to support Joint Staff and Service BMDS Integration efforts required to ensure all aspects of the BMDS successfully transition from development to field use -Conduct BMDS Table Top exercises with low fidelity demonstrations for our friends and allies, working with the MDA Deputy for International Programs and the Combatant Commanders -Work with the Terminal High-Altitude Area Defense, and other Program Offices and the Warfighter to establish Concepts of Operations that will support future MDA development -Manage MDA/COCOM interfaces -Provide support to the development and update of BMD portions of COCOM OPLANS and CONPLANS -Provide support to the BMDS Capability Delivery process and transition and transfer to the services -Support USSTRATCOM with development of the annual BMDS Military Utility Assessment					
<b>Title:</b> Warfighter Strategic Support  <b>Description:</b> See Description Below  <b>FY 2010 Accomplishments:</b> This plan was captured in budget project XX03 in Operations Support (\$1.260M) and YX03 in Joint Staff/Service/COCOM Integration (\$7.350M), Ballistic Missile Defense Training & Education (\$7.668M), Warfighter Interface Management and Combatant Commander (COCOM) Support (\$4.810M) and Plans and Capability Delivery (\$2.780M).  -Continued to develop Operations Support Center capabilities based on BMDS capabilities joining the operational baseline -Continued to improve situational awareness, technical reach-back and connectivity to MDA developmental, testing, and fielding organizations and assist the Joint Functional Component Command for Integrated Missile Defense in planning and executing multiple Readiness Demonstrations -Continued to streamline the BMDS scheduling/asset management process. Developed new web-based asset management tools to provide streamlined support to the Warfighter			<b>Articles:</b> - 0	23.783 0	16.408 0

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2010	FY 2011	FY 2012
<div>-Continued improvements in overseeing the BDMS operational configuration and increase fidelity and technical detail in configuration specifications</div> <div>-Continued to coordinate and align BMDS scheduled maintenance to maximize availability</div> <div>-Continued integration of Capability Demonstration-like objectives into the Ground Test Campaign</div> <div>-Continued to update the BMDS Handbook and create and publish the BMDS Handbook for BMDS Block 4 and 5</div> <div>-Continued quarterly BMDS System Operability Check continuity tests</div> <div>-Updated BMDS-wide Integrated Logistics Support Plans and Sustainment Directive</div> <div>-Developed and Beta-test the BMDS Operational Readiness Reporting System as part of the operational readiness automated tool development process</div> <div>-Chaired and sponsored periodic (planned monthly) BMDS Integrated Logistics Support Team meetings for Action Officer-level interface and exchange</div> <div>-Executed the annual Joint Integrated Logistics Support Management Team Conference for Senior Mentor and Action Officer-level interface</div> <div>-Supported Component Command Tabletop Exercises to facilitate the development of Regional Concepts of Operation</div> <div>-Assisted Warfighters to update the annual BMDS Prioritized Capabilities List to reflect changes in Component Command priorities for needed BMDS enhancements</div> <div>-Assisted Strategic Command with its annual BMDS Military Utility Assessment</div> <div>-Continued to work with the Program Offices and the Warfighter to establish Concepts of Operation for transitioning BMDS capabilities</div> <div>-Continued Service coordination to resolve transition and transfer issues via decision-focused Board of Director meetings with each of the Military Services</div> <div>-Continued to support Weapon System Reviews as required with the Lead Service to inform them on BMDS capabilities and cost estimates in order to facilitate future transition/transfer</div> <div>-Coordinated efforts with the designated Lead Services to facilitate transition/transfer of BMDS capabilities</div> <div>-Continued to prepare the MDA leadership on representing the Agency to the Missile Defense Executive Board on critical BMDS related topics/decisions</div> <div>-Emphasized regional level capabilities in support of real-world operations/contingencies</div> <div>-Continued to operate the Joint BMDS Training and Education Center Campus</div> <div>-Continued to host Integrated Ballistic Missile Defense Training Working Groups</div> <div>-Developed Combatant Command training courses</div> <div>-Established Independent Advisory Groups to review BMD training needs</div> <div>-Continued to provide support for Component Command participants to attend numerous Missile Defense exercises and wargames. Supported travel requirements of the Directorate for Warfighter Interface Civilian and Military staff, to attend various</div>				

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<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>		<b>FY 2010</b>	<b>FY 2011</b>
<p>exercises, wargames, planning conferences and technology conferences. Provided Contractor Technical Services Support to the Directorate for Warfighter Interface</p> <ul style="list-style-type: none"> <li>-Supported Component Command Tabletop Exercises to facilitate the development of Regional Concepts of Operation</li> <li>-Assisted Warfighters to update the annual BMDS Prioritized Capabilities List to reflect changes in Component Command priorities for needed BMDS enhancements</li> <li>-Assisted Strategic Command with its annual BMDS Military Utility Assessment</li> <li>-Continued to work with the Program Offices and the Warfighter to establish Concepts of Operation for transitioning BMDS capabilities</li> <li>-Continued Service coordination to resolve transition and transfer issues via decision-focused Board of Director meetings with each of the Military Services</li> <li>-Continued to support Weapon System Reviews as required with the Lead Service to inform them on BMDS capabilities and cost estimates in order to facilitate future transition/transfer</li> <li>-Coordinated efforts with the designated Lead Services to facilitate transition/transfer of BMDS capabilities</li> <li>-Continued to prepare the MDA leadership on representing the Agency to the Missile Defense Executive Board on critical BMDS related topics/decisions</li> <li>-Emphasized regional level capabilities in support of real-world operations/contingencies</li> </ul> <p><b>FY 2011 Plans:</b></p> <p>This plan was captured in budget project MD03 in Operations Support (\$6.903M), Joint Staff/Service/COCOM Integration (\$2.602M), Ballistic Missile Defense Training &amp; Education (\$7.662M), Warfighter Interface Management and Combatant Commander (COCOM) Support (\$6.069M) and Plans and Capability Delivery (\$.5475M).</p> <ul style="list-style-type: none"> <li>-Man and operate MDA's Operations Support Center (OSC) 24 hours per day, 7 days per week, 365 days per year to gather, develop, maintain, communicate and fuse all BMDS situational awareness data concerning the current Health and Status of the BMDS, maintaining operational and exercise configuration control of the BMDS architecture, reporting operational readiness, conducting pre-fielding and fielding asset coordination responsibilities, providing real time BMDS information to all BMDS stakeholders and providing crisis action planning and support during exercises and real world contingencies</li> <li>-Plan, organize, resource and manage BMD operations support functions to optimize mission performance</li> <li>-Maintain approved BMDS operational configuration and enable on-site developmental operations, sustainment, and operational activities in a Concurrent Test, Training and Operations (CTTO) environment</li> <li>-Precisely align BMDS components in accordance with the currently approved Operational or Test Configuration. This requires participation in the Integration Support Group and the MDA Program Change Board, and real time management to ensure the BMDS is in the specific approved Operational Configuration</li> </ul>			

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2010	FY 2011	FY 2012
<div>-Serve as the MDA BMDS Asset Management office of primary responsibility for coordinating and providing integrated MDA development, maintenance and training inputs into the Asset Management Process. Planning and coordination includes long range planning (MDA Annual Plan), quarterly schedules, BMDS Operating Schedule (2-8 weeks of near term schedules), and Weekly Activity Message coordination and execution</div> <div>-Monitor, collect, and analyze BMDS operational readiness data to communicate past and present BMDS operational readiness and improve future performance</div> <div>-Maintain BMDS Operational Baseline documentation and associated BMDS Operational Configuration documentation to include the BMDS Handbook and technical library</div> <div>-Maintain BMDS applicable configuration documents for elements and Wargames Support Center</div> <div>-Ensure BMDS Watch Officer (BWO) and Warfighter have situational awareness of current and proposed BMDS Operational Baseline requirements</div> <div>-Implement BMDS Operational Readiness Reporting System (BORRS) Data for Geographic Combatant Commands (COCOMs)</div> <div>-Monitor BMDS Readiness (OPSCAP/PROCAP, RAM, BOCA, Maintenance Data)</div> <div>-Man and operate the OSPT in support of Geographic Combatant Command (COCOM) contingencies, Wargames and Exercises</div> <div>-Continue to enhance Operations Support Center (OSC) capabilities based on BMDS future capabilities</div> <div>-Continue improvement of situational awareness, technical reach-back and connectivity to MDA development, testing, and fielding organizations</div> <div>-Assist the Joint Functional Component Command for Integrated Missile Defense in planning and executing Warfighter Trial Periods</div> <div>-Continue streamlining BMDS scheduling/asset management process to support the warfighter</div> <div>-Continue improvements in overseeing the BMDS operational configuration and increase fidelity and technical detail in configuration specifications</div> <div>-Continue to coordinate and align BMDS scheduled maintenance to maximize availability</div> <div>-Continue integration of Capability Demonstration-like objectives into the Ground Test Campaign</div> <div>-Continue to update the BMDS Handbook and create and publish the BMDS Handbook for future BMDS capabilities</div> <div>-Continue quarterly BMDS System Operability Checks</div> <div>-Continue to improve the BMDS Operational Readiness Reporting System (BORRS)</div> <div>-Improve Operations Support Center and Asset Management Continuity of Operations capabilities</div> <div>-Integrate configuration management tool capabilities into the on-line Asset Management tools</div> <div>-Integrate situational awareness tool capabilities into the on-line Asset management tools</div> <div>-Continue to improve the MDA-wide BMDS Operational Reporting process</div>				

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<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>		<b>R-1 ITEM NOMENCLATURE</b> PE 0603898C: <i>BMD JOINT WARFIGHTER SUPPORT</i>		<b>PROJECT</b> MD03: <i>Joint Warfighter Support</i>	
<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>			<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>
<ul style="list-style-type: none"> <li>-Provide strategic-level interfaces between MDA and the Military Services, the Joint Staff, and the Office of the Under Secretary of Defense for Policy (OSD (P)), with a focus on cross-Departmental initiatives (such as the transition of BMDS Elements/ Components to the Services), and cross-Departmental Corporate Boards (such as the Missile Defense Executive Board)</li> <li>-Maintain daily, strategic-level interfaces with the Military Services and Joint Staff, providing them with the critical information they require to plan for the delivery, fielding, and operation of BMDS capabilities</li> <li>-Provide direct support to the Director's Action Group for MDA senior leadership projects</li> <li>-Support MDA Senior Leadership participation in the Missile Defense Executive Board (MDEB), the Joint Requirements Oversight Council, the Joint Capability Boards and other interdepartmental venues</li> <li>-Liaison with OSD Policy on affairs related to missile defense</li> <li>-Directly interface with the Services, Joint Staff and Combatant Command on missile defense policy issues</li> <li>Ensure senior leadership is prepared for all external engagements (executive boards, testimony, Combatant Command visits, public engagements, etc) as relates to operational BMDS strategic planning and policy</li> <li>-Enable BMDS operational situational awareness and real-world crisis response to the leadership through the MDA/HQ Mission Operations Center</li> <li>-Provide MDA's planner level coordination for Combatant Command, Joint Staff, and inter-agency staff actions</li> <li>-Support Component Command Tabletop Exercises and Experiments to facilitate the development of Regional Concepts of Operation and Operational Concepts development for Early Intercept concepts and other programs such as Nimble Fire 11</li> <li>-Assist Warfighters to update the annual BMDS Prioritized Capabilities List to reflect changes in Component Command priorities for needed BMDS enhancements</li> <li>-Assist Strategic Command with its annual BMDS military Utility Assessment</li> <li>-Continue to work with the Program Offices and the Warfighter to establish Concepts of Operation for transitioning BMDS capabilities</li> <li>-Continue to prepare the MDA leadership to represent the Agency to the Missile Defense Executive Board on critical BMDS related topics/decisions</li> <li>-Support Combatant Commanders in execution of real-world operations/contingencies</li> <li>-Manage Warfighter Request for Analysis/Request for Information (RFA/RFI) process within MDA</li> <li>-Operate the BMDS Training and Education Center</li> <li>-Provide BMDS-Level Training and Education for the Joint Warfighters, Defense Officials and Services</li> <li>-Provide Training Transition support to the Services</li> <li>-Host Integrated Ballistic Missile Defense Training Working Groups/Conferences</li> <li>-Review all training curriculum to ensure continuously improved Command and Control, Battle Management, and Communications</li> <li>-Training by the BMDS Training &amp; Education Center</li> <li>-Provide 130 courses (~2500 hours of instruction) to approximately 1600 students</li> </ul>					

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2012 Missile Defense Agency			<b>DATE:</b> February 2011		
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>		<b>R-1 ITEM NOMENCLATURE</b> PE 0603898C: <i>BMD JOINT WARFIGHTER SUPPORT</i>		<b>PROJECT</b> MD03: <i>Joint Warfighter Support</i>	
<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>			<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>
<ul style="list-style-type: none"> <li>-Provide simulated missile injects over the live Satellite Theater Event System broadcast</li> <li>-Continue to operate the Joint BMDS Training and Education Center Campus</li> <li>-Continue to host Integrated Ballistic Missile Defense Training Working Groups</li> <li>-Develop Combatant Command training courses</li> <li>-Provide support for Component Command participants to attend numerous missile defense exercises and wargames</li> <li>-Support travel requirements of the Directorate for Warfighter Interface Civilian and Military staff, to attend various exercises, wargames, planning conferences and technology conferences</li> <li>-Provide Contractor Technical Services Support to the Directorate for Warfighter Interface</li> <li>-Enables the Warfighter to define, test, deploy and employ new missile defense capabilities</li>   <li>-Train to maintain proficiency with current capabilities</li> <li>-Provide Feedback and support involvement in MDA's BMDS development</li> <li>-Support to the Joint Functional Component Commander for Integrated Missile Defense BMDS Table Top Exercise(s) to facilitate the Global Missile Defense Capability and to refine the European Capability Concept of Operations through low fidelity demonstration modeling simulations and MDA coordination Develop Table Top evolutions to include future concepts (Early Intercept) and BMDS assets; conducting System Capability Reviews of new BMDS assets approaching the timeline to be fielded</li> <li>-Provide 24 hours a day, 7 days a week, 365 days a year MDA analysis support to Warfighter Exercises and to the Joint Staff, Services and Combatant Commands in order to document, validate, and prioritize new BMDS capabilities desired by the Warfighters, as well as enhancements to the characteristics of fielded capabilities through the Warfighter Involvement Process</li> <li>-Annual update of the BMDS Prioritized Capabilities List reflecting Combatant Command priorities for needed BMDS enhancements</li> <li>-Conduct Studies and Analyses, as required, to examine emergent Single Integrated Air Picture issues from a BMDS perspective and assess emerging technologies, studies, and theories for incorporation into future BMDS development</li> <li>-Conduct Studies and Analyses to support Joint Staff and Service BMDS Integration efforts required to ensure all aspects of the BMDS successfully transition from development to field use</li> <li>-Conduct BMDS Table Top exercises with low fidelity demonstrations for our friends and allies, working with the MDA Deputy for International Programs and the Combatant Commanders</li> <li>-Work with the Terminal High-Altitude Area Defense, and other Program Offices and the Warfighter to establish Concepts of Operations that will support future MDA development</li> <li>-Manage MDA/Geographic Combatant Command (COCOM) interfaces</li> <li>-Provide support to the development and update of BMD portions of COCOM Operation Plans (OPLANS) and Contingency Plans (CONPLANS)</li> <li>-Provide support to the BMDS Capability Delivery process and transition and transfer to the services</li> </ul>					

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2012 Missile Defense Agency		<b>DATE:</b> February 2011	
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0603898C: <i>BMD JOINT WARFIGHTER SUPPORT</i>	<b>PROJECT</b> MD03: <i>Joint Warfighter Support</i>	
<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>		<b>FY 2010</b>	<b>FY 2011</b>
<p>-Support USSTRATCOM with development of the annual BMDS Military Utility Assessment</p> <p><b>FY 2012 Plans:</b></p> <p>-Man and operate MDA's Operations Support Center (OSC) 24 hours per day, 7 days per week, 365 days per year to gather, develop, maintain, communicate and fuse all BMDS situational awareness data concerning the current Health and Status of the BMDS, maintaining operational and exercise configuration control of the BMDS architecture, reporting operational readiness, conducting pre-fielding and fielding asset coordination responsibilities, providing real time BMDS information to all BMDS stakeholders and providing crisis action planning and support during exercises and real world contingencies</p> <p>-Plan, organize, resource and manage BMD operations support functions to optimize mission performance</p> <p>-Maintain approved BMDS operational configuration and enable on-site developmental operations, sustainment, and operational activities in a Concurrent Test, Training and Operations (CTTO) environment</p> <p>-Precisely align BMDS components in accordance with the currently approved Operational or Test Configuration. This requires participation in the Integration Support Group and the MDA Program Change Board, and real time management to ensure the BMDS is in the specific approved Operational Configuration</p> <p>-Serve as the MDA BMDS Asset Management office of primary responsibility for coordinating and providing integrated MDA development, maintenance and training inputs into the Asset Management Process. Planning and coordination includes long range planning (MDA Annual Plan), quarterly schedules, BMDS Operating Schedule (2-8 weeks of near term schedules), and Weekly Activity Message coordination and execution</p> <p>-Monitor, collect, and analyze BMDS operational readiness data to communicate past and present BMDS operational readiness and improve future performance</p> <p>-Maintain BMDS Operational Baseline documentation and associated BMDS Operational Configuration documentation to include the BMDS Handbook and technical library</p> <p>-Maintain BMDS applicable configuration documents for elements and Wargames Support Center (WSC)</p> <p>-Ensure BMDS Watch Officer (BWO) and Warfighter have situational awareness of current and proposed BMDS Operational Baseline requirements</p> <p>-Implement BMDS Operational Readiness Reporting System (BORRS) Data for COCOMs</p> <p>-Monitor BMDS Readiness (OPSCAP/PROCAP, RAM, BOCA, Maintenance Data)</p> <p>-Man and operate the OSPT in support of COCOM contingencies, Wargames and Exercises</p> <p>-Continue to enhance Operations Support Center capabilities based on BMDS future capabilities</p> <p>-Continue improvement of situational awareness, technical reach-back and connectivity to MDA development, testing, and fielding organizations</p> <p>-Assist the Joint Functional Component Command for Integrated Missile Defense in planning and executing Warfighter Trial Periods</p>			

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2012 Missile Defense Agency		<b>DATE:</b> February 2011	
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0603898C: <i>BMD JOINT WARFIGHTER SUPPORT</i>	<b>PROJECT</b> MD03: <i>Joint Warfighter Support</i>	
<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>		<b>FY 2010</b>	<b>FY 2011</b>
<ul style="list-style-type: none"> <li>-Continue streamlining BMDS scheduling/asset management process to support the warfighter</li> <li>-Continue improvements in overseeing the BMDS operational configuration and increase fidelity and technical detail in configuration specifications</li> <li>-Continue to coordinate and align BMDS scheduled maintenance to maximize availability</li> <li>-Continue integration of Capability Demonstration-like objectives into the Ground Test Campaign</li> <li>-Continue to update the BMDS Handbook and create and publish the BMDS Handbook for future BMDS capabilities</li> <li>-Continue quarterly BMDS System Operability Checks</li> <li>-Continue to improve the BMDS Operational Readiness Reporting System (BORRS)</li> <li>-Improve Operations Support Center and Asset Management Continuity of Operations capabilities</li> <li>-Integrate configuration management tool capabilities into the on-line Asset Management tools</li> <li>-Integrate situational awareness tool capabilities into the on-line Asset management tools</li> <li>-Continue to improve the MDA-wide BMDS Operational Reporting process</li> <li>-Provide strategic-level interfaces between MDA and the Military Services, the Joint Staff, and the Office of the Under Secretary of Defense for Policy (OSD (P)), with a focus on cross-Departmental initiatives (such as the transition of BMDS Elements/ Components to the Services), and cross-Departmental Corporate Boards (such as the Missile Defense Executive Board)</li> <li>-Maintain daily, strategic-level interfaces with the Military Services and Joint Staff, providing them with the critical information they require to plan for the delivery, fielding, and operation of BMDS capabilities</li> <li>-Provide direct support to the Director's Action Group for MDA senior leadership projects</li> <li>-Support MDA Senior Leadership participation in the MDEB, the Joint Requirements Oversight Council, the Joint Capability Boards and other interdepartmental venues</li> <li>-Liaison with OSD Policy on affairs related to missile defense</li> <li>-Directly interface with the Services, Joint Staff and Combatant Command on missile defense policy issues</li> <li>-Ensure senior leadership is prepared for all external engagements (executive boards, testimony, Combatant Command visits, public engagements, etc) as relates to operational BMDS strategic planning and policy</li> <li>-Enable BMDS operational situational awareness and real-world crisis response to the leadership through the MDA/HQ Mission Operations Center</li> <li>-Provide MDA's planner level coordination for Combatant Command, Joint Staff, and inter-agency staff actions</li> <li>-Support Component Command Tabletop Exercises and Experiments to facilitate the development of Regional Concepts of Operation and Operational Concepts development for Early Intercept concepts and other programs such as Nimble Fire 11</li> <li>-Assist Warfighters to update the annual BMDS Prioritized Capabilities List to reflect changes in Component Command priorities for needed BMDS enhancements</li> <li>-Assist Strategic Command with its annual BMDS military Utility Assessment</li> </ul>			

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2012 Missile Defense Agency		<b>DATE:</b> February 2011	
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0603898C: <i>BMD JOINT WARFIGHTER SUPPORT</i>	<b>PROJECT</b> MD03: <i>Joint Warfighter Support</i>	
<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>		<b>FY 2010</b>	<b>FY 2011</b>
<ul style="list-style-type: none"> <li>-Continue to work with the Program Offices and the Warfighter to establish Concepts of Operation for transitioning BMDS capabilities</li> <li>-Continue to prepare the MDA leadership to represent the Agency to the Missile Defense Executive Board on critical BMDS related topics/decisions</li> <li>-Support Combatant Commanders in execution of real-world operations/contingencies</li> <li>-Manage Warfighter Request for Analysis/Request for Information (RFA/RFI) process within MDA</li> <li>-Operate the BMDS Training and Education Center</li> <li>-Provide BMDS-Level Training and Education for the Joint Warfighters, Defense Officials and Services</li> <li>-Provide Training Transition support to the Services</li> <li>-Host Integrated Ballistic Missile Defense Training Working Groups/Conferences</li> <li>-Review all training curriculum to ensure continuously improved Command and Control, Battle Management, and Communications</li> <li>-Training by the BMDS Training &amp; Education Center</li> <li>-Provide 130 courses (~2500 hours of instruction) to approximately 1600 students</li> <li>-Provide simulated missile injects over the live Satellite Theater Event System broadcast</li> <li>-Continue to operate the Joint BMDS Training and Education Center Campus</li> <li>-Continue to host Integrated Ballistic Missile Defense Training Working Groups</li> <li>-Develop Combatant Command training courses</li> <li>-Provide support for Component Command participants to attend numerous missile defense exercises and wargames</li> <li>-Support travel requirements of the Directorate for Warfighter Interface Civilian and Military staff, to attend various exercises, wargames, planning conferences and technology conferences</li> <li>-Provide Contractor Technical Services Support to the Directorate for Warfighter Interface</li> <li>-Enables the Warfighter to define, test, deploy and employ new missile defense capabilities</li> <li>-Train to maintain proficiency with current capabilities</li> <li>-Provide feedback and support involvement in MDA's BMDS development process</li> <li>-Support to the Joint Functional Component Commander for Integrated Missile Defense BMDS Table Top Exercise(s) to facilitate the Global Missile Defense Capability and to refine the European Capability Concept of Operations through low fidelity demonstration modeling simulations and MDA coordination</li> <li>-Develop Table Top evolutions to include future concepts (Early Intercept) and BMDS assets; conducting System Capability Reviews of new BMDS assets approaching the timeline to be fielded</li> <li>-Provide 24 hours a day, 7 days a week, 365 days a year MDA analysis support to Warfighter Exercises and to the Joint Staff, Services and Combatant Commands in order to document, validate, and prioritize new BMDS capabilities desired by the Warfighters, as well as enhancements to the characteristics of fielded capabilities through the Warfighter Involvement Process</li> </ul>			

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Missile Defense Agency									DATE: February 2011		
APPROPRIATION/BUDGET ACTIVITY 0400: Research, Development, Test & Evaluation, Defense-Wide BA 4: Advanced Component Development & Prototypes (ACD&P)				R-1 ITEM NOMENCLATURE PE 0603898C: BMD JOINT WARFIGHTER SUPPORT				PROJECT MD03: Joint Warfighter Support			
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)									FY 2010	FY 2011	FY 2012
<div>-Annual update of the BMDS Prioritized Capabilities List reflecting Combatant Command priorities for needed BMDS enhancements</div> <div>-Conduct Studies and Analyses, as required, to examine emergent Single Integrated Air Picture issues from a BMDS perspective and assess emerging technologies, studies, and theories for incorporation into future BMDS development</div> <div>-Conduct Studies and Analyses to support Joint Staff and Service BMDS Integration efforts required to ensure all aspects of the BMDS successfully transition from development to field use</div> <div>-Conduct BMDS Table Top exercises with low fidelity demonstrations for our friends and allies, working with the MDA Deputy for International Programs and the Combatant Commanders</div> <div>-Work with the Terminal High-Altitude Area Defense, and other Program Offices and the Warfighter to establish Concepts of Operations that will support future MDA development</div> <div>-Manage MDA/COCOM interfaces</div> <div>-Provide support to the development and update of BMD portions of COCOM OPLANS and CONPLANS</div> <div>-Provide support to the BMDS Capability Delivery process and transition and transfer to the services</div> <div>-Support USSTRATCOM with development of the annual BMDS Military Utility Assessment</div> <div>Defense Efficiency - Civilian Staffing Reduction. As part of the Department of Defense reform agenda, eliminates civilian full-time equivalent positions to maintain, with limited exceptions, civilian staffing at the FY 2010 level. (FY 2012 Baseline: \$-.773M)</div>											
Accomplishments/Planned Programs Subtotals									-	66.414	39.535
C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
• 0603888C: Ballistic Missile Defense Test and Targets	737.863	1,113.425	1,071.039		1,071.039	898.680	790.906	787.113	878.215	Continuing	Continuing
• 0603896C: BMD C2BMC	327.074	342.625	364.103		364.103	330.337	353.081	338.835	304.217	Continuing	Continuing
• 0603904C: MISSILE DEFENSE INTEGRATION & OPERATIONS CENTER (MDIOC)	82.926	86.198	69.325		69.325	64.514	55.808	56.769	54.621	Continuing	Continuing
D. Acquisition Strategy											
The Joint National Integration Center Research and Development Contract is the major performing integrated contract that is competed periodically.											

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2012 Missile Defense Agency		<b>DATE:</b> February 2011
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0603898C: <i>BMD JOINT WARFIGHTER SUPPORT</i>	<b>PROJECT</b> MD03: <i>Joint Warfighter Support</i>
The Directorate for Warfighter Interface will continue to enable the effective delivery of BMDS capabilities to the Warfighter and to ensure Warfighter participation in the identification and development of new capabilities via the Warfighter Involvement Process.		
<b><u>E. Performance Metrics</u></b> NA		

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**Exhibit R-3, RDT&E Project Cost Analysis:** PB 2012 Missile Defense Agency **DATE:** February 2011

<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: Research, Development, Test & Evaluation, Defense-Wide BA 4: Advanced Component Development & Prototypes (ACD&P)				<b>R-1 ITEM NOMENCLATURE</b> PE 0603898C: BMD JOINT WARFIGHTER SUPPORT				<b>PROJECT</b> MD03: Joint Warfighter Support			
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Product Development (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
<b>Subtotal</b>			-	-		-		-		-	0.000	0.000	0.000

**Remarks**

Support (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
BMDs Materiel Readiness Civ Salaries/Ops Sustainment MD03	Allot	NA:MDA/Colorado Springs, Huntsville, NCR	0.361	0.378	Jan 2011	1.088	Jan 2012	-		1.088	Continuing	Continuing	Continuing
Warfighter Operational Support Civilian Salaries/Ops Sustainment MD03	Allot	MDA:Colorado Springs, Huntsville, NCR	1.850	1.919		2.362	Oct 2011	-		2.362	Continuing	Continuing	Continuing
Warfighter Operational Support Support to MDA Leadership A&AS MD03	C/FFP	MiDAESS:Colorado Springs, Huntsville, NCR	2.078	1.193		1.235	Oct 2011	-		1.235	Continuing	Continuing	Continuing
Warfighter Operational Support Combatant Commanders (COCOM) Support A&AS MD03	C/FFP	MiDAESS:Colorado Springs, Huntsville, NCR	1.900	2.050		1.223	Oct 2011	-		1.223	Continuing	Continuing	Continuing
Warfighter Operational Support Combatant Commanders (COCOM) Support MD03	C/CPAF	MDIOC/Northrop Grumman:Colorado Springs	23.058	35.339		12.277	Jan 2012	-		12.277	Continuing	Continuing	Continuing
Warfighter Operational Support BMDs Support A&AS MD03	C/FFP	MiDAESS:Colorado Springs	0.100	0.135		0.173	Oct 2011	-		0.173	Continuing	Continuing	Continuing
Warfighter Operational Support BMDs Support MD03	MIPR	Multiple:Various	1.593	1.617		1.171	Dec 2011	-		1.171	Continuing	Continuing	Continuing
Warfighter Operational Support BMDs Studies/ Analysis MD03	C/FFP	MDIOC/Northrop Grumman:Colorado Springs	-	-		3.598	Oct 2011	-		3.598	Continuing	Continuing	Continuing

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**Exhibit R-3, RDT&E Project Cost Analysis:** PB 2012 Missile Defense Agency **DATE:** February 2011

<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: Research, Development, Test & Evaluation, Defense-Wide BA 4: Advanced Component Development & Prototypes (ACD&P)	<b>R-1 ITEM NOMENCLATURE</b> PE 0603898C: BMD JOINT WARFIGHTER SUPPORT	<b>PROJECT</b> MD03: Joint Warfighter Support
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Support (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Warfighter Strategic Support Civilian Salaries/Ops Sustainment MD03	Allot	MDA:Colorado Springs/Huntsville, NCR	4.273	3.579		3.122	Oct 2011	-		3.122	Continuing	Continuing	Continuing
Warfighter Strategic Support Support to MDA Leadership A&AS MD03	C/FFP	MDAESS:Colorado Springs/Huntsville/NCR/AK/CA	4.337	3.828		4.277	Oct 2011	-		4.277	Continuing	Continuing	Continuing
Warfighter Strategic Support Support to MDA Leadership MD03	MIPR	Multiple:NCR/Colorado Springs	2.440	2.154		1.540	Dec 2011	-		1.540	Continuing	Continuing	Continuing
Warfighter Strategic Support Combatant Commanders (COCOM) A&AS MD03	C/FFP	MDAESS:Colorado Springs/NCR/Huntsville	1.570	1.703		0.933	Oct 2011	-		0.933	Continuing	Continuing	Continuing
Warfighter Strategic Support Commanders (COCOM) Support MD03	C/CPAF	MDIOC/Northrop Grumman:Colorado Springs	7.668	8.316		4.607	Jan 2012	-		4.607	Continuing	Continuing	Continuing
Warfighter Strategic Support Armed Forces (Services) Support MD03	C/CPAF	MDAESS:Multiple	0.800	0.829		0.857	Oct 2011	-		0.857	Continuing	Continuing	Continuing
Warfighter Strategic Support BMDs Support A&AS MD03	C/FFP	MDAESS:Colorado Springs/Huntsville/NCR	0.528	0.641		0.536	Oct 2011	-		0.536	Continuing	Continuing	Continuing
Warfighter Strategic Support BMDs Support MD03	C/FFP	MDIOC/Northrop Grumman:Colorado Springs	2.252	2.733		0.536	Oct 2011	-		0.536	Continuing	Continuing	Continuing
<b>Subtotal</b>			54.808	66.414		39.535		-		39.535			

**Remarks**

FY12 increase in Civilian Pay due to in-sourcing of personnel.

Test and Evaluation (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
<b>Subtotal</b>			-	-		-		-		-	0.000	0.000	0.000

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<b>Exhibit R-3, RDT&amp;E Project Cost Analysis:</b> PB 2012 Missile Defense Agency										<b>DATE:</b> February 2011			
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>				<b>R-1 ITEM NOMENCLATURE</b> PE 0603898C: <i>BMD JOINT WARFIGHTER SUPPORT</i>				<b>PROJECT</b> MD03: <i>Joint Warfighter Support</i>					

  

Management Services (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
<b>Subtotal</b>			-	-		-		-		-	0.000	0.000	0.000

  

<b>Remarks</b>													
			Total Prior Years Cost	FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total	Cost To Complete	Total Cost	Target Value of Contract
<b>Project Cost Totals</b>			54.808	66.414		39.535		-		39.535			
<b>Remarks</b>													

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Exhibit R-4, RDT&E Schedule Profile: PB 2012 Missile Defense Agency		DATE: February 2011
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT
0400: Research, Development, Test & Evaluation, Defense-Wide BA 4: Advanced Component Development & Prototypes (ACD&P)	PE 0603898C: BMD JOINT WARFIGHTER SUPPORT	MD03: Joint Warfighter Support

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Exhibit R-4, RDT&E Schedule Profile: PB 2012 Missile Defense Agency		DATE: February 2011
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT
0400: Research, Development, Test & Evaluation, Defense-Wide BA 4: Advanced Component Development & Prototypes (ACD&P)	PE 0603898C: BMD JOINT WARFIGHTER SUPPORT	MD03: Joint Warfighter Support

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<b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> PB 2012 Missile Defense Agency		<b>DATE:</b> February 2011
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0603898C: <i>BMD JOINT WARFIGHTER SUPPORT</i>	<b>PROJECT</b> MD03: <i>Joint Warfighter Support</i>

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Exhibit R-4, RDT&E Schedule Profile: PB 2012 Missile Defense Agency		DATE: February 2011
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT
0400: Research, Development, Test & Evaluation, Defense-Wide BA 4: Advanced Component Development & Prototypes (ACD&P)	PE 0603898C: BMD JOINT WARFIGHTER SUPPORT	MD03: Joint Warfighter Support

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<b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> PB 2012 Missile Defense Agency		<b>DATE:</b> February 2011
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0603898C: <i>BMD JOINT WARFIGHTER SUPPORT</i>	<b>PROJECT</b> MD03: <i>Joint Warfighter Support</i>

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Exhibit R-4, RDT&E Schedule Profile: PB 2012 Missile Defense Agency		DATE: February 2011
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT
0400: Research, Development, Test & Evaluation, Defense-Wide BA 4: Advanced Component Development & Prototypes (ACD&P)	PE 0603898C: BMD JOINT WARFIGHTER SUPPORT	MD03: Joint Warfighter Support

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<b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> PB 2012 Missile Defense Agency		<b>DATE:</b> February 2011
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0603898C: <i>BMD JOINT WARFIGHTER SUPPORT</i>	<b>PROJECT</b> MD03: <i>Joint Warfighter Support</i>

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<b>Exhibit R-4, RDT&amp;E Schedule Profile: PB 2012 Missile Defense Agency</b>		<b>DATE:</b> February 2011
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0603898C: <i>BMD JOINT WARFIGHTER SUPPORT</i>	<b>PROJECT</b> MD03: <i>Joint Warfighter Support</i>

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<b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> PB 2012 Missile Defense Agency		<b>DATE:</b> February 2011
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0603898C: <i>BMD JOINT WARFIGHTER SUPPORT</i>	<b>PROJECT</b> MD03: <i>Joint Warfighter Support</i>

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Exhibit R-4, RDT&E Schedule Profile: PB 2012 Missile Defense Agency		DATE: February 2011
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT
0400: Research, Development, Test & Evaluation, Defense-Wide BA 4: Advanced Component Development & Prototypes (ACD&P)	PE 0603898C: BMD JOINT WARFIGHTER SUPPORT	MD03: Joint Warfighter Support



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Exhibit R-4, RDT&E Schedule Profile: PB 2012 Missile Defense Agency		DATE: February 2011
APPROPRIATION/BUDGET ACTIVITY 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	R-1 ITEM NOMENCLATURE PE 0603898C: <i>BMD JOINT WARFIGHTER SUPPORT</i>	PROJECT MD03: <i>Joint Warfighter Support</i>

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Exhibit R-4, RDT&E Schedule Profile: PB 2012 Missile Defense Agency		DATE: February 2011
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT
0400: Research, Development, Test & Evaluation, Defense-Wide BA 4: Advanced Component Development & Prototypes (ACD&P)	PE 0603898C: BMD JOINT WARFIGHTER SUPPORT	MD03: Joint Warfighter Support

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<b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> PB 2012 Missile Defense Agency		<b>DATE:</b> February 2011
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0603898C: <i>BMD JOINT WARFIGHTER SUPPORT</i>	<b>PROJECT</b> MD03: <i>Joint Warfighter Support</i>

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<b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> PB 2012 Missile Defense Agency		<b>DATE:</b> February 2011
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0603898C: <i>BMD JOINT WARFIGHTER SUPPORT</i>	<b>PROJECT</b> MD03: <i>Joint Warfighter Support</i>

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Exhibit R-4, RDT&E Schedule Profile: PB 2012 Missile Defense Agency		DATE: February 2011
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: Research, Development, Test & Evaluation, Defense-Wide BA 4: Advanced Component Development & Prototypes (ACD&P)	<b>R-1 ITEM NOMENCLATURE</b> PE 0603898C: BMD JOINT WARFIGHTER SUPPORT	<b>PROJECT</b> MD03: Joint Warfighter Support

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Exhibit R-4, RDT&E Schedule Profile: PB 2012 Missile Defense Agency		DATE: February 2011
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT
0400: Research, Development, Test & Evaluation, Defense-Wide BA 4: Advanced Component Development & Prototypes (ACD&P)	PE 0603898C: BMD JOINT WARFIGHTER SUPPORT	MD03: Joint Warfighter Support

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Exhibit R-4, RDT&E Schedule Profile: PB 2012 Missile Defense Agency		DATE: February 2011
APPROPRIATION/BUDGET ACTIVITY 0400: Research, Development, Test & Evaluation, Defense-Wide BA 4: Advanced Component Development & Prototypes (ACD&P)	R-1 ITEM NOMENCLATURE PE 0603898C: BMD JOINT WARFIGHTER SUPPORT	PROJECT MD03: Joint Warfighter Support

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Exhibit R-4, RDT&E Schedule Profile: PB 2012 Missile Defense Agency		DATE: February 2011
APPROPRIATION/BUDGET ACTIVITY 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	R-1 ITEM NOMENCLATURE PE 0603898C: <i>BMD JOINT WARFIGHTER SUPPORT</i>	PROJECT MD03: <i>Joint Warfighter Support</i>



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<b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> PB 2012 Missile Defense Agency		<b>DATE:</b> February 2011
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0603898C: <i>BMD JOINT WARFIGHTER SUPPORT</i>	<b>PROJECT</b> MD03: <i>Joint Warfighter Support</i>

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<b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> PB 2012 Missile Defense Agency		<b>DATE:</b> February 2011
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0603898C: <i>BMD JOINT WARFIGHTER SUPPORT</i>	<b>PROJECT</b> MD03: <i>Joint Warfighter Support</i>

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Exhibit R-4, RDT&E Schedule Profile: PB 2012 Missile Defense Agency		DATE: February 2011
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT
0400: Research, Development, Test & Evaluation, Defense-Wide BA 4: Advanced Component Development & Prototypes (ACD&P)	PE 0603898C: BMD JOINT WARFIGHTER SUPPORT	MD03: Joint Warfighter Support

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<b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> PB 2012 Missile Defense Agency		<b>DATE:</b> February 2011
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0603898C: <i>BMD JOINT WARFIGHTER SUPPORT</i>	<b>PROJECT</b> MD03: <i>Joint Warfighter Support</i>

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Exhibit R-4, RDT&E Schedule Profile: PB 2012 Missile Defense Agency		DATE: February 2011
APPROPRIATION/BUDGET ACTIVITY 0400: Research, Development, Test & Evaluation, Defense-Wide BA 4: Advanced Component Development & Prototypes (ACD&P)	R-1 ITEM NOMENCLATURE PE 0603898C: BMD JOINT WARFIGHTER SUPPORT	PROJECT MD03: Joint Warfighter Support

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Exhibit R-4, RDT&E Schedule Profile: PB 2012 Missile Defense Agency		DATE: February 2011
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0400: Research, Development, Test & Evaluation, Defense-Wide BA 4: Advanced Component Development & Prototypes (ACD&P)	PE 0603898C: BMD JOINT WARFIGHTER SUPPORT	MD03: Joint Warfighter Support

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Exhibit R-4, RDT&E Schedule Profile: PB 2012 Missile Defense Agency		DATE: February 2011
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0603898C: <i>BMD JOINT WARFIGHTER SUPPORT</i>	<b>PROJECT</b> MD03: <i>Joint Warfighter Support</i>

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<b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> PB 2012 Missile Defense Agency		<b>DATE:</b> February 2011
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0603898C: <i>BMD JOINT WARFIGHTER SUPPORT</i>	<b>PROJECT</b> MD03: <i>Joint Warfighter Support</i>

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2012 Missile Defense Agency			<b>DATE:</b> February 2011
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0603898C: <i>BMD JOINT WARFIGHTER SUPPORT</i>	<b>PROJECT</b> MD03: <i>Joint Warfighter Support</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
AIR MISSILE DEFENSE 10-01 Exercise - 2010	2	2010	2	2010
AIR MISSILE DEFENSE 10-02 Exercise - 2010	3	2010	3	2010
AIR MISSILE DEFENSE 10-03 Exercise - 2010	4	2010	4	2010
AIR MISSILE DEFENSE 11-01 Centcom Exercise 1 - 2011	1	2011	1	2011
AIR MISSILE DEFENSE 11-01 Centcom Exercise 2 - 2011	2	2011	2	2011
AIR MISSILE DEFENSE 11-01 Centcom Exercise 3 - 2011	3	2011	3	2011
AIR MISSILE DEFENSE 11-01 Centcom Exercise 4 - 2011	4	2011	4	2011
AIR MISSILE DEFENSE 11-01 Eucom Exercise 1 - 2011	1	2011	1	2011
AIR MISSILE DEFENSE 11-01 Eucom Exercise 2 - 2011	2	2011	2	2011
AIR MISSILE DEFENSE 11-01 Eucom Exercise 3 - 2011	3	2011	3	2011
AIR MISSILE DEFENSE 11-01 Eucom Exercise 4 - 2011	4	2011	4	2011
AIR MISSILE DEFENSE 12 Centcom Exercise 1 - 2012	1	2012	1	2012
AIR MISSILE DEFENSE 12 Centcom Exercise 2 - 2012	2	2012	2	2012
AIR MISSILE DEFENSE 12 Centcom Exercise 3 - 2012	3	2012	3	2012
AIR MISSILE DEFENSE 12 Centcom Exercise 4 - 2012	4	2012	4	2012
AIR MISSILE DEFENSE 12 Eucom Exercise 1 - 2012	1	2012	1	2012
AIR MISSILE DEFENSE 12 Eucom Exercise 2 - 2012	2	2012	2	2012
AIR MISSILE DEFENSE 12 Eucom Exercise 3 - 2012	3	2012	3	2012
AIR MISSILE DEFENSE 12 Eucom Exercise 4 - 2012	4	2012	4	2012
AIR MISSILE DEFENSE 13 Centcom Exercise 1 - 2013	1	2013	1	2013
AIR MISSILE DEFENSE 13 Centcom Exercise 2 - 2013	2	2013	2	2013
AIR MISSILE DEFENSE 13 Centcom Exercise 3 - 2013	3	2013	3	2013

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2012 Missile Defense Agency			<b>DATE:</b> February 2011
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0603898C: <i>BMD JOINT WARFIGHTER SUPPORT</i>	<b>PROJECT</b> MD03: <i>Joint Warfighter Support</i>	

Events	Start		End	
	Quarter	Year	Quarter	Year
AIR MISSILE DEFENSE 13 Centcom Exercise 4 - 2013	4	2013	4	2013
AIR MISSILE DEFENSE 13 Eucom Exercise 1 - 2013	1	2013	1	2013
AIR MISSILE DEFENSE 13 Eucom Exercise 2 - 2013	2	2013	2	2013
AIR MISSILE DEFENSE 13 Eucom Exercise 3 - 2013	3	2013	3	2013
AIR MISSILE DEFENSE 13 Eucom Exercise 4 - 2013	4	2013	4	2013
AIR MISSILE DEFENSE 14 Centcom Exercise 1 - 2014	1	2014	1	2014
AIR MISSILE DEFENSE 14 Centcom Exercise 2 - 2014	2	2014	2	2014
AIR MISSILE DEFENSE 14 Centcom Exercise 3 - 2014	3	2014	3	2014
AIR MISSILE DEFENSE 14 Centcom Exercise 4 - 2014	4	2014	4	2014
AIR MISSILE DEFENSE 14 Eucom Exercise 1 - 2014	1	2014	1	2014
AIR MISSILE DEFENSE 14 Eucom Exercise 2 - 2014	2	2014	2	2014
AIR MISSILE DEFENSE 14 Eucom Exercise 3 - 2014	3	2014	3	2014
AIR MISSILE DEFENSE 14 Eucom Exercise 4 - 2014	4	2014	4	2014
AIR MISSILE DEFENSE 15 Centcom Exercise 1 - 2015	1	2015	1	2015
AIR MISSILE DEFENSE 15 Centcom Exercise 2 - 2015	2	2015	2	2015
AIR MISSILE DEFENSE 15 Centcom Exercise 3 - 2015	3	2015	3	2015
AIR MISSILE DEFENSE 15 Centcom Exercise 4 - 2015	4	2015	4	2015
AIR MISSILE DEFENSE 15 Eucom Exercise 1 - 2015	1	2015	1	2015
AIR MISSILE DEFENSE 15 Eucom Exercise 2 - 2015	2	2015	2	2015
AIR MISSILE DEFENSE 15 Eucom Exercise 3 - 2015	3	2015	3	2015
AIR MISSILE DEFENSE 15 Eucom Exercise 4 - 2015	4	2015	4	2015
AIR MISSILE DEFENSE 16 Centcom Exercise 1 - 2016	1	2016	1	2016
AIR MISSILE DEFENSE 16 Centcom Exercise 2 - 2016	2	2016	2	2016
AIR MISSILE DEFENSE 16 Centcom Exercise 3 - 2016	3	2016	3	2016

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2012 Missile Defense Agency			<b>DATE:</b> February 2011
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0603898C: <i>BMD JOINT WARFIGHTER SUPPORT</i>	<b>PROJECT</b> MD03: <i>Joint Warfighter Support</i>	

Events	Start		End	
	Quarter	Year	Quarter	Year
AIR MISSILE DEFENSE 16 Centcom Exercise 4 - 2016	4	2016	4	2016
AIR MISSILE DEFENSE 16 Eucom Exercise 1 - 2016	1	2016	1	2016
AIR MISSILE DEFENSE 16 Eucom Exercise 2 - 2016	2	2016	2	2016
AIR MISSILE DEFENSE 16 Eucom Exercise 3 - 2016	3	2016	3	2016
AIR MISSILE DEFENSE 16 Eucom Exercise 4 - 2016	4	2016	4	2016
ARCTIC EDGE/VIGILANT GUARD 10 EVENT - 2010	3	2010	3	2010
ARMY CENTRAL COMMAND INTEGRATED AIR MISSILE DEFENSE SYMP - 2010	2	2010	2	2010
ARMY CENTRAL COMMAND INTEGRATED AIR MISSILE DEFENSE SYMP - 2011	2	2011	2	2011
ARMY CENTRAL COMMAND INTEGRATED AIR MISSILE DEFENSE SYMP - 2012	3	2012	3	2012
ARMY CENTRAL COMMAND INTEGRATED AIR MISSILE DEFENSE SYMP - 2013	3	2013	3	2013
ARMY CENTRAL COMMAND INTEGRATED AIR MISSILE DEFENSE SYMP - 2014	3	2014	3	2014
ARMY CENTRAL COMMAND INTEGRATED AIR MISSILE DEFENSE SYMP - 2015	3	2015	3	2015
ARMY CENTRAL COMMAND INTEGRATED AIR MISSILE DEFENSE SYMP - 2016	3	2016	3	2016
ASSURED RESPONSE 04X Exercise Event - 2011	1	2011	1	2011
ASSURED RESPONSE 04X Exercise Planning-2010	2	2010	2	2010
ASSURED RESPONSE Exercise Event - 2011	4	2011	4	2011
ASSURED RESPONSE Exercise Planning - 2011	2	2011	2	2011
ASSURED RESPONSE Exercise Series - 2012	4	2012	4	2012
ASSURED RESPONSE Exercise Series - 2013	4	2013	4	2013
ASSURED RESPONSE Exercise Series - 2014	4	2014	4	2014
ASSURED RESPONSE Exercise Series - 2015	4	2015	4	2015
ASSURED RESPONSE Exercise Series - 2016	4	2016	4	2016
AUSTERE CHALLENGE Exercise Series-2010	3	2010	3	2010
BMD5 WARGAME 2014 Event - 2014	3	2014	3	2014

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2012 Missile Defense Agency			<b>DATE:</b> February 2011
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0603898C: <i>BMD JOINT WARFIGHTER SUPPORT</i>	<b>PROJECT</b> MD03: <i>Joint Warfighter Support</i>	

Events	Start		End	
	Quarter	Year	Quarter	Year
BMDS WARGAME 2014 Planning - 2014	2	2014	2	2014
BMDS WARGAME 2016 Event - 2016	3	2016	3	2016
BMDS WARGAME 2016 Planning - 2016	2	2016	2	2016
BMDS WARGAME Series Event -2011	1	2011	1	2011
BMDS WARGAME Series Event -2012	3	2012	3	2012
BMDS WARGAME Series Planning - 2010	2	2010	2	2010
CONGRESSIONAL WARGAME - 2010	2	2010	2	2010
CONGRESSIONAL WARGAME - 2012	2	2012	2	2012
CONGRESSIONAL WARGAME - 2013	2	2013	2	2013
CONGRESSIONAL WARGAME - 2014	2	2014	2	2014
CONGRESSIONAL WARGAME - 2015	2	2015	2	2015
CONSOLIDATED PLANNING Exercise - 2010	2	2010	2	2010
CONSOLIDATED PLANNING Exercise Event - 2012	4	2012	4	2012
CONSOLIDATED PLANNING Exercise Event - 2013	4	2013	4	2013
CONSOLIDATED PLANNING Exercise Event - 2014	4	2014	4	2014
CONSOLIDATED PLANNING Exercise Event - 2015	4	2015	4	2015
CONSOLIDATED PLANNING Exercise Event - 2016	4	2016	4	2016
CONSOLIDATED PLANNING Exercise Planning - 2012	2	2012	2	2012
CONSOLIDATED PLANNING Exercise Planning - 2013	2	2013	2	2013
CONSOLIDATED PLANNING Exercise Planning - 2014	2	2014	2	2014
CONSOLIDATED PLANNING Exercise Planning - 2015	2	2015	2	2015
CONSOLIDATED PLANNING Exercise Planning - 2016	2	2016	2	2016
EAGLE RESOLVE 10 Exercise Event - 2010	3	2010	3	2010
EAGLE RESOLVE 11 Exercise Event - 2011	3	2011	3	2011

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2012 Missile Defense Agency			<b>DATE:</b> February 2011
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0603898C: <i>BMD JOINT WARFIGHTER SUPPORT</i>	<b>PROJECT</b> MD03: <i>Joint Warfighter Support</i>	

Events	Start		End	
	Quarter	Year	Quarter	Year
EAGLE RESOLVE 11 Exercise Planning - 2011	2	2011	2	2011
EAGLE RESOLVE 12 Exercise Event - 2012	3	2012	3	2012
EAGLE RESOLVE 13 Exercise Event - 2013	3	2013	3	2013
EAGLE RESOLVE 14 Exercise Event - 2014	3	2014	3	2014
EAGLE RESOLVE 15 Exercise Event - 2015	3	2015	3	2015
EAGLE RESOLVE 16 Exercise Event - 2016	3	2016	3	2016
GLOBAL LIGHTNING 11 Exercise Event - 2011	3	2011	3	2011
GLOBAL LIGHTNING 11 Exercise Planned - 2010	4	2010	4	2010
GLOBAL LIGHTNING 12 Exercise Event - 2012	3	2012	3	2012
GLOBAL LIGHTNING 12 Exercise Planning - 2012	2	2012	2	2012
GLOBAL LIGHTNING 13 Exercise Event - 2013	3	2013	3	2013
GLOBAL LIGHTNING 13 Exercise Planning - 2013	2	2013	2	2013
GLOBAL LIGHTNING 14 Exercise Event - 2014	3	2014	3	2014
GLOBAL LIGHTNING 14 Exercise Planning - 2014	2	2014	2	2014
GLOBAL LIGHTNING 15 Exercise Event - 2015	3	2015	3	2015
GLOBAL LIGHTNING 15 Exercise Planning - 2015	2	2015	2	2015
GLOBAL LIGHTNING 16 Exercise Event - 2016	3	2016	3	2016
GLOBAL LIGHTNING 16 Exercise Planning - 2016	2	2016	2	2016
GLOBAL THUNDER 10 Exercise Event - 2010	3	2010	3	2010
GLOBAL THUNDER 11 Exercise Planning - 2010	2	2010	2	2010
GLOBAL THUNDER 11-1 Exercise Event - 2011	1	2011	1	2011
GLOBAL THUNDER 11-2 Exercise Event - 2011	3	2011	3	2011
GLOBAL THUNDER 13 Event - 2013	1	2013	1	2013
GLOBAL THUNDER 13 Planning - 2012	3	2012	3	2012

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2012 Missile Defense Agency			<b>DATE:</b> February 2011
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0603898C: <i>BMD JOINT WARFIGHTER SUPPORT</i>	<b>PROJECT</b> MD03: <i>Joint Warfighter Support</i>	

Events	Start		End	
	Quarter	Year	Quarter	Year
GLOBAL THUNDER 14 Exercise Event - 2014	1	2014	1	2014
GLOBAL THUNDER 14 Exercise Event - 2015	1	2015	1	2015
GLOBAL THUNDER 14 Exercise Planning - 2013	3	2013	3	2013
GLOBAL THUNDER 15 Exercise Planning - 2014	3	2014	3	2014
GLOBAL THUNDER 16 Exercise Event - 2016	1	2016	1	2016
GLOBAL THUNDER 16 Exercise Planning - 2015	3	2015	3	2015
GLOBAL THUNDER 17 Exercise Planning - 2016	3	2016	3	2016
Gulf Coalition Countries Event - 2010	4	2010	4	2010
Internal Look - 2010	1	2010	1	2010
JOINT AIR DEFENSE Centcom Exercise Event 1 - 2011	1	2011	1	2011
JOINT AIR DEFENSE Centcom Exercise Event 1 - 2012	1	2012	1	2012
JOINT AIR DEFENSE Centcom Exercise Event 1 - 2013	1	2013	1	2013
JOINT AIR DEFENSE Centcom Exercise Event 1 - 2014	1	2014	1	2014
JOINT AIR DEFENSE Centcom Exercise Event 1 - 2015	1	2015	1	2015
JOINT AIR DEFENSE Centcom Exercise Event 1 - 2016	1	2016	1	2016
JOINT AIR DEFENSE Centcom Exercise Event 2 - 2011	1	2011	1	2011
JOINT AIR DEFENSE Centcom Exercise Event 2 - 2012	1	2012	1	2012
JOINT AIR DEFENSE Centcom Exercise Event 2 - 2013	1	2013	1	2013
JOINT AIR DEFENSE Centcom Exercise Event 2 - 2014	1	2014	1	2014
JOINT AIR DEFENSE Centcom Exercise Event 2 - 2015	1	2015	1	2015
JOINT AIR DEFENSE Centcom Exercise Event 2 - 2016	1	2016	1	2016
JOINT AIR DEFENSE Centcom Exercise Event 3 - 2011	2	2011	2	2011
JOINT AIR DEFENSE Centcom Exercise Event 3 - 2012	2	2012	2	2012
JOINT AIR DEFENSE Centcom Exercise Event 3 - 2013	2	2013	2	2013

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2012 Missile Defense Agency			<b>DATE:</b> February 2011
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0603898C: <i>BMD JOINT WARFIGHTER SUPPORT</i>	<b>PROJECT</b> MD03: <i>Joint Warfighter Support</i>	

Events	Start		End	
	Quarter	Year	Quarter	Year
JOINT AIR DEFENSE Centcom Exercise Event 3 - 2014	2	2014	2	2014
JOINT AIR DEFENSE Centcom Exercise Event 3 - 2015	2	2015	2	2015
JOINT AIR DEFENSE Centcom Exercise Event 3 - 2016	2	2016	2	2016
JOINT AIR DEFENSE Centcom Exercise Event 4 - 2011	2	2011	2	2011
JOINT AIR DEFENSE Centcom Exercise Event 4 - 2012	2	2012	2	2012
JOINT AIR DEFENSE Centcom Exercise Event 4 - 2013	2	2013	2	2013
JOINT AIR DEFENSE Centcom Exercise Event 4 - 2014	2	2014	2	2014
JOINT AIR DEFENSE Centcom Exercise Event 4 - 2015	2	2015	2	2015
JOINT AIR DEFENSE Centcom Exercise Event 4 - 2016	2	2016	2	2016
JOINT AIR DEFENSE Centcom Exercise Event 5 - 2011	3	2011	3	2011
JOINT AIR DEFENSE Centcom Exercise Event 5 - 2012	3	2012	3	2012
JOINT AIR DEFENSE Centcom Exercise Event 5 - 2013	3	2013	3	2013
JOINT AIR DEFENSE Centcom Exercise Event 5 - 2014	3	2014	3	2014
JOINT AIR DEFENSE Centcom Exercise Event 5 - 2015	3	2015	3	2015
JOINT AIR DEFENSE Centcom Exercise Event 5 - 2016	3	2016	3	2016
JOINT AIR DEFENSE Centcom Exercise Event 6 - 2011	3	2011	3	2011
JOINT AIR DEFENSE Centcom Exercise Event 6 - 2012	3	2012	3	2012
JOINT AIR DEFENSE Centcom Exercise Event 6 - 2013	3	2013	3	2013
JOINT AIR DEFENSE Centcom Exercise Event 6 - 2014	3	2014	3	2014
JOINT AIR DEFENSE Centcom Exercise Event 6 - 2015	3	2015	3	2015
JOINT AIR DEFENSE Centcom Exercise Event 6 - 2016	3	2016	3	2016
JOINT AIR DEFENSE Centcom Exercise Event 7 - 2011	4	2011	4	2011
JOINT AIR DEFENSE Centcom Exercise Event 7 - 2012	4	2012	4	2012
JOINT AIR DEFENSE Centcom Exercise Event 7 - 2013	4	2013	4	2013

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2012 Missile Defense Agency			<b>DATE:</b> February 2011
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0603898C: <i>BMD JOINT WARFIGHTER SUPPORT</i>	<b>PROJECT</b> MD03: <i>Joint Warfighter Support</i>	

Events	Start		End	
	Quarter	Year	Quarter	Year
JOINT AIR DEFENSE Centcom Exercise Event 7 - 2014	4	2014	4	2014
JOINT AIR DEFENSE Centcom Exercise Event 7 - 2015	4	2015	4	2015
JOINT AIR DEFENSE Centcom Exercise Event 7 - 2016	4	2016	4	2016
JOINT AIR DEFENSE Centcom Exercise Event 8 - 2011	4	2011	4	2011
JOINT AIR DEFENSE Centcom Exercise Event 8 - 2012	4	2012	4	2012
JOINT AIR DEFENSE Centcom Exercise Event 8 - 2013	4	2013	4	2013
JOINT AIR DEFENSE Centcom Exercise Event 8 - 2014	4	2014	4	2014
JOINT AIR DEFENSE Centcom Exercise Event 8 - 2015	4	2015	4	2015
JOINT AIR DEFENSE Centcom Exercise Event 8 - 2016	4	2016	4	2016
JOINT AIR DEFENSE Eucom Exercise Event 1 - 2011	1	2011	1	2011
JOINT AIR DEFENSE Eucom Exercise Event 1 - 2012	1	2012	1	2012
JOINT AIR DEFENSE Eucom Exercise Event 1 - 2013	1	2013	1	2013
JOINT AIR DEFENSE Eucom Exercise Event 1 - 2014	1	2014	1	2014
JOINT AIR DEFENSE Eucom Exercise Event 1 - 2015	1	2015	1	2015
JOINT AIR DEFENSE Eucom Exercise Event 1 - 2016	1	2016	1	2016
JOINT AIR DEFENSE Eucom Exercise Event 2 - 2011	1	2011	1	2011
JOINT AIR DEFENSE Eucom Exercise Event 2 - 2012	1	2012	1	2012
JOINT AIR DEFENSE Eucom Exercise Event 2 - 2013	1	2013	1	2013
JOINT AIR DEFENSE Eucom Exercise Event 2 - 2014	1	2014	1	2014
JOINT AIR DEFENSE Eucom Exercise Event 2 - 2015	1	2015	1	2015
JOINT AIR DEFENSE Eucom Exercise Event 2 - 2016	1	2016	1	2016
JOINT AIR DEFENSE Eucom Exercise Event 3 - 2011	2	2011	2	2011
JOINT AIR DEFENSE Eucom Exercise Event 3 - 2012	2	2012	2	2012
JOINT AIR DEFENSE Eucom Exercise Event 3 - 2013	2	2013	2	2013

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2012 Missile Defense Agency			<b>DATE:</b> February 2011
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0603898C: <i>BMD JOINT WARFIGHTER SUPPORT</i>	<b>PROJECT</b> MD03: <i>Joint Warfighter Support</i>	

Events	Start		End	
	Quarter	Year	Quarter	Year
JOINT AIR DEFENSE Eucom Exercise Event 3 - 2014	2	2014	2	2014
JOINT AIR DEFENSE Eucom Exercise Event 3 - 2015	2	2015	2	2015
JOINT AIR DEFENSE Eucom Exercise Event 3 - 2016	2	2016	2	2016
JOINT AIR DEFENSE Eucom Exercise Event 4 - 2011	2	2011	2	2011
JOINT AIR DEFENSE Eucom Exercise Event 4 - 2012	2	2012	2	2012
JOINT AIR DEFENSE Eucom Exercise Event 4 - 2013	2	2013	2	2013
JOINT AIR DEFENSE Eucom Exercise Event 4 - 2014	2	2014	2	2014
JOINT AIR DEFENSE Eucom Exercise Event 4 - 2015	2	2015	2	2015
JOINT AIR DEFENSE Eucom Exercise Event 4 - 2016	2	2016	2	2016
JOINT AIR DEFENSE Eucom Exercise Event 5 - 2011	3	2011	3	2011
JOINT AIR DEFENSE Eucom Exercise Event 5 - 2012	3	2012	3	2012
JOINT AIR DEFENSE Eucom Exercise Event 5 - 2013	1	2013	1	2013
JOINT AIR DEFENSE Eucom Exercise Event 5 - 2014	3	2014	3	2014
JOINT AIR DEFENSE Eucom Exercise Event 5 - 2015	3	2015	3	2015
JOINT AIR DEFENSE Eucom Exercise Event 5 - 2016	3	2016	3	2016
JOINT AIR DEFENSE Eucom Exercise Event 6 - 2011	3	2011	3	2011
JOINT AIR DEFENSE Eucom Exercise Event 6 - 2012	3	2012	3	2012
JOINT AIR DEFENSE Eucom Exercise Event 6 - 2013	3	2013	3	2013
JOINT AIR DEFENSE Eucom Exercise Event 6 - 2014	3	2014	3	2014
JOINT AIR DEFENSE Eucom Exercise Event 6 - 2015	3	2015	3	2015
JOINT AIR DEFENSE Eucom Exercise Event 6 - 2016	3	2016	3	2016
JOINT AIR DEFENSE Eucom Exercise Event 7 - 2011	4	2011	4	2011
JOINT AIR DEFENSE Eucom Exercise Event 7 - 2012	4	2012	4	2012
JOINT AIR DEFENSE Eucom Exercise Event 7 - 2013	4	2013	4	2013

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2012 Missile Defense Agency			<b>DATE:</b> February 2011
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0603898C: <i>BMD JOINT WARFIGHTER SUPPORT</i>	<b>PROJECT</b> MD03: <i>Joint Warfighter Support</i>	

Events	Start		End	
	Quarter	Year	Quarter	Year
JOINT AIR DEFENSE Eucom Exercise Event 7 - 2014	4	2014	4	2014
JOINT AIR DEFENSE Eucom Exercise Event 7 - 2015	4	2015	4	2015
JOINT AIR DEFENSE Eucom Exercise Event 7 - 2016	4	2016	4	2016
JOINT AIR DEFENSE Eucom Exercise Event 8 - 2011	4	2011	4	2011
JOINT AIR DEFENSE Eucom Exercise Event 8 - 2012	4	2012	4	2012
JOINT AIR DEFENSE Eucom Exercise Event 8 - 2013	4	2013	4	2013
JOINT AIR DEFENSE Eucom Exercise Event 8 - 2014	4	2014	4	2014
JOINT AIR DEFENSE Eucom Exercise Event 8 - 2015	4	2015	4	2015
JOINT AIR DEFENSE Eucom Exercise Event 8 - 2016	4	2016	4	2016
JOINT AIR DEFENSE Exercise Event 1 - 2010	2	2010	2	2010
JOINT AIR DEFENSE Exercise Event 2 - 2010	3	2010	3	2010
JOINT AIR DEFENSE Exercise Event 3 - 2010	4	2010	4	2010
JOINT AIR DEFENSE Exercise Event 4 - 2010	4	2010	4	2010
JOINT PROJECT OPTIC WINDMILL 2013 Event - 2013	4	2013	4	2013
JOINT PROJECT OPTIC WINDMILL 2013 Planning - 2012	2	2012	2	2012
JOINT PROJECT OPTIC WINDMILL 2015 Event - 2015	4	2015	4	2015
JOINT PROJECT OPTIC WINDMILL 2015 Planning - 2014	2	2014	2	2014
JOINT PROJECT OPTIC WINDMILL 2017 Planning - 2016	2	2016	2	2016
JOINT PROJECT OPTIC WINDMILL Event - 2010	4	2010	4	2010
JOINT PROJECT OPTIC WINDMILL Planning - 2010	2	2010	2	2010
KEEN EDGE 10 Exercise Event - 2010	2	2010	2	2010
KEEN EDGE 12 Exercise Event - 2012	2	2012	2	2012
KEEN EDGE 12 Exercise Planning - 2011	3	2011	3	2011
KEEN EDGE 14 Exercise Event - 2014	2	2014	2	2014

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2012 Missile Defense Agency			<b>DATE:</b> February 2011
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0603898C: <i>BMD JOINT WARFIGHTER SUPPORT</i>	<b>PROJECT</b> MD03: <i>Joint Warfighter Support</i>	

Events	Start		End	
	Quarter	Year	Quarter	Year
KEEN EDGE 14 Exercise Planning - 2013	2	2013	2	2013
KEEN EDGE 16 Exercise Event - 2015	2	2015	2	2015
KEEN EDGE 16 Exercise Event - 2016	2	2016	2	2016
KEY RESOLVE 10 Exercise Event - 2010	2	2010	2	2010
KEY RESOLVE 11 Exercise Event - 2011	2	2011	2	2011
KEY RESOLVE 11 Exercise Planning - 2010	1	2011	1	2011
KEY RESOLVE 12 Exercise Event - 2012	2	2012	2	2012
KEY RESOLVE 12 Exercise Planning - 2011	3	2011	3	2011
KEY RESOLVE 13 Exercise Event 2013	2	2013	2	2013
KEY RESOLVE 13 Exercise Planning - 2012	3	2012	3	2012
KEY RESOLVE 14 Exercise Event - 2014	2	2014	2	2014
KEY RESOLVE 14 Exercise Planning - 2013	3	2013	3	2013
KEY RESOLVE 15 Exercise Event - 2015	2	2015	2	2015
KEY RESOLVE 15 Exercise Planning - 2014	3	2014	3	2014
KEY RESOLVE 16 Exercise Event - 2016	2	2016	2	2016
KEY RESOLVE 16 Exercise Planning - 2015	3	2015	3	2015
KEY RESOLVE 17 Exercise Planning - 2016	3	2016	3	2016
KEY RESOLVE Exercise Series-2Q 2015	2	2015	2	2015
MISSILE DEFENSE CONFERENCE-2Q 2012	2	2012	2	2012
MISSILE DEFENSE CONFERENCE-2Q 2013	2	2013	2	2013
MISSILE DEFENSE CONFERENCE-2Q 2014	2	2014	2	2014
MISSILE DEFENSE CONFERENCE-2Q 2015	2	2015	2	2015
MULTI-NATIONAL MISSILE DEFENSE CONFERENCE WARGAME - 2010	4	2010	4	2010
MULTI-NATIONAL MISSILE DEFENSE CONFERENCE WARGAME - 2011	4	2011	4	2011

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2012 Missile Defense Agency			<b>DATE:</b> February 2011
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0603898C: <i>BMD JOINT WARFIGHTER SUPPORT</i>	<b>PROJECT</b> MD03: <i>Joint Warfighter Support</i>	

Events	Start		End	
	Quarter	Year	Quarter	Year
MULTI-NATIONAL MISSILE DEFENSE CONFERENCE WARGAME - 2012	4	2012	4	2012
MULTI-NATIONAL MISSILE DEFENSE CONFERENCE WARGAME - 2013	4	2013	4	2013
MULTI-NATIONAL MISSILE DEFENSE CONFERENCE WARGAME - 2014	4	2014	4	2014
MULTI-NATIONAL MISSILE DEFENSE CONFERENCE WARGAME - 2015	4	2015	4	2015
MULTI-NATIONAL MISSILE DEFENSE CONFERENCE WARGAME - 2016	4	2016	4	2016
NATIONAL MISSILE DEFENSE CONFERENCE WARGAME - 2010	2	2010	2	2010
NATIONAL MISSILE DEFENSE CONFERENCE WARGAME - 2011	2	2011	2	2011
NATIONAL MISSILE DEFENSE CONFERENCE WARGAME - 2012	2	2012	2	2012
NATIONAL MISSILE DEFENSE CONFERENCE WARGAME - 2013	2	2013	2	2013
NATIONAL MISSILE DEFENSE CONFERENCE WARGAME - 2014	2	2014	2	2014
NATIONAL MISSILE DEFENSE CONFERENCE WARGAME - 2015	2	2015	2	2015
NATIONAL MISSILE DEFENSE CONFERENCE WARGAME - 2016	2	2016	2	2016
NIMBLE TITAN 10 Wargame Event - 2010	3	2010	3	2010
NIMBLE TITAN 12 Wargame Event - 2012	3	2012	3	2012
NIMBLE TITAN 14 Wargame Event - 2014	3	2014	3	2014
NIMBLE TITAN 16 Wargame Event - 2016	3	2016	3	2016
SHARP SENTRY Table Top Exercise 1 Event - 2011	2	2011	2	2011
SHARP SENTRY Table Top Exercise 2 Event - 2011	2	2011	2	2011
SHARP SENTRY Table Top Exercise 3 Event - 2010	2	2010	2	2010
SHARP SENTRY Table Top Exercise 3 Event - 2011	2	2011	2	2011
SHARP SENTRY Table Top Exercise 4 Event - 2010	2	2010	2	2010
SHARP SENTRY Table Top Exercise 4 Event - 2011	3	2011	3	2011
SHARP SENTRY Table Top Exercise 5 Event - 2010	2	2010	2	2010
SHARP SENTRY Table Top Exercise 5 Event - 2011	3	2011	3	2011

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2012 Missile Defense Agency			<b>DATE:</b> February 2011
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0603898C: <i>BMD JOINT WARFIGHTER SUPPORT</i>	<b>PROJECT</b> MD03: <i>Joint Warfighter Support</i>	

Events	Start		End	
	Quarter	Year	Quarter	Year
SHARP SENTRY Table Top Exercise 6 Event - 2011	3	2011	3	2011
SHARP SENTRY Table Top Exercise 7 Event - 2011	4	2011	4	2011
SHARP SENTRY Table Top Exercise 8 Event - 2011	4	2011	4	2011
SHARP SENTRY Table Top Exercise 9 Event - 2011	4	2011	4	2011
TALISMAN SABRE Event - 2011	4	2011	4	2011
TALISMAN SABRE Event - 2013	2	2013	2	2013
TALISMAN SABRE Event - 2015	2	2015	2	2015
TALISMAN SABRE Planning - 2010	3	2010	3	2010
TALISMAN SABRE Planning - 2013	1	2013	1	2013
TALISMAN SABRE Planning - 2015	1	2014	1	2014
TERMINAL FURY 10 Exercise Event - 2010	3	2010	3	2010
TERMINAL FURY 11 Exercise Event - 2011	3	2011	3	2011
TERMINAL FURY 11 Exercise Planning - 2010	4	2010	4	2010
TERMINAL FURY 12 Exercise Event - 2012	3	2012	3	2012
TERMINAL FURY 12 Exercise Planning - 2011	4	2011	4	2011
TERMINAL FURY 13 Exercise Event - 2013	3	2013	3	2013
TERMINAL FURY 13 Exercise Planning - 2013	1	2013	1	2013
TERMINAL FURY 14 Exercise Event - 2014	3	2014	3	2014
TERMINAL FURY 14 Exercise Planning - 2014	1	2014	1	2014
TERMINAL FURY 15 Exercise Event - 2015	3	2015	3	2015
TERMINAL FURY 15 Exercise Planing - 2015	1	2015	1	2015
TERMINAL FURY 16 Exercise Event - 2016	3	2016	3	2016
TERMINAL FURY 16 Exercise Planning - 2016	1	2016	1	2016
ULCHI FREEDOM GUARD 10 EVENT - 2010	4	2010	4	2010

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2012 Missile Defense Agency			<b>DATE:</b> February 2011
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0603898C: <i>BMD JOINT WARFIGHTER SUPPORT</i>	<b>PROJECT</b> MD03: <i>Joint Warfighter Support</i>	

Events	Start		End	
	Quarter	Year	Quarter	Year
ULCHI FREEDOM GUARD 11 Event - 2011	4	2011	4	2011
ULCHI FREEDOM GUARD 11 Planning - 2011	1	2011	1	2011
ULCHI FREEDOM GUARD 12 Event - 2012	3	2012	3	2012
ULCHI FREEDOM GUARD 12 Planning - 2012	1	2012	1	2012
ULCHI FREEDOM GUARD 13 Event - 2013	3	2013	3	2013
ULCHI FREEDOM GUARD 13 Planning - 2013	1	2013	1	2013
ULCHI FREEDOM GUARD 14 Event - 2014	3	2014	3	2014
ULCHI FREEDOM GUARD 14 Planning - 2013	1	2014	1	2014
ULCHI FREEDOM GUARD 15 Event - 2015	3	2015	3	2015
ULCHI FREEDOM GUARD 15 Planning - 2014	1	2015	1	2015
ULCHI FREEDOM GUARD 16 Event - 2016	3	2016	3	2016
ULCHI FREEDOM GUARD 16 Planning - 2015	1	2016	1	2016
VIGILANT SHIELD 11 Exercise Planning - 2010	1	2010	1	2010
VIGILANT SHIELD 11-1 Exercise Event - 2011	1	2011	1	2011
VIGILANT SHIELD 11-2 Exercise Event - 2012	1	2012	1	2012
VIGILANT SHIELD 13 Exercise Event - 2013	1	2013	1	2013
VIGILANT SHIELD 13 Exercise Planning - 2012	3	2012	3	2012
VIGILANT SHIELD 14 Exercise Event - 2015	1	2015	1	2015
VIGILANT SHIELD 14 Exercise Planning - 2013	3	2013	3	2013
VIGILANT SHIELD 15 Exercise Event - 2015	1	2015	1	2015
VIGILANT SHIELD 15 Exercise Planning - 2014	3	2014	3	2014
VIGILANT SHIELD 16 Exercise Event - 2016	1	2016	1	2016
VIGILANT SHIELD 16 Exercise Planning - 2015	3	2015	3	2015
VIGILANT SHIELD 17 Exercise Planning - 2016	3	2016	3	2016

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2012 Missile Defense Agency								<b>DATE:</b> February 2011			
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>				<b>R-1 ITEM NOMENCLATURE</b> PE 0603898C: <i>BMD JOINT WARFIGHTER SUPPORT</i>				<b>PROJECT</b> ZX40: <i>Program-Wide Support</i>			
<b>COST (\$ in Millions)</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012 Base</b>	<b>FY 2012 OCO</b>	<b>FY 2012 Total</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
ZX40: <i>Program-Wide Support</i>	3.297	-	-	-	-	-	-	-	-	0.000	3.297
Quantity of RDT&E Articles	0	0	0		0	0	0	0	0		

**Note**  
In accordance with the Missile Defense Agency revised budget structure, the content previously planned in Project ZX40 is now captured in Project MD40 beginning in FY11.

**A. Mission Description and Budget Item Justification**  
Program-Wide Support provides funding for common non-headquarters support functions across the entire program. Includes costs for both government civilians performing these functions, as well as outside services and support contractors that augment government staff in these areas. Other costs included provide facility capabilities for MDA Executing Agent locations (with the exception of Federal Office Building 2), such as physical and technical security, legal services, travel and training, office and equipment leases, utilities and communications, supplies and maintenance, and similar operating expenses. Also includes funding for charges on canceled appropriations in accordance with Public Law 101-510, legal settlements, and foreign currency fluctuations on a limited number of foreign contracts.

<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>
<b>Title:</b> Civilian Salaries and Support  <b>Articles:</b>  <b>Description:</b> See Description Below  <b>FY 2010 Accomplishments:</b> NA	3.297 0	-	-
<b>Accomplishments/Planned Programs Subtotals</b>	3.297	-	-

**C. Other Program Funding Summary (\$ in Millions)**  
N/A

**D. Acquisition Strategy**  
NA

**E. Performance Metrics**  
NA

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Missile Defense Agency								DATE: February 2011			
APPROPRIATION/BUDGET ACTIVITY 0400: Research, Development, Test & Evaluation, Defense-Wide BA 4: Advanced Component Development & Prototypes (ACD&P)				R-1 ITEM NOMENCLATURE PE 0603898C: BMD JOINT WARFIGHTER SUPPORT				PROJECT MD40: Program-Wide Support			
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
MD40: Program-Wide Support	-	2.312	1.690	-	1.690	2.433	2.511	2.415	2.587	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0		0	0	0	0	0		
Note In accordance with the Missile Defense Agency revised budget structure, the content previously planned in Project ZX40 is now captured in Project MD40 beginning in FY11											
A. Mission Description and Budget Item Justification Program-Wide Support (PWS) contains non-headquarters management costs in support of MDA functions and activities across the entire Ballistic Missile Defense System (BMDS). Includes Government Civilians, Advisory and Assistance Services, and Federally Funded Research and Development Contracts (FFRDC) providing integrity and oversight of the BMDS as well as supporting MDA in enabling the development and evaluation of technologies that will respond to the changing threat. Other costs included provide facility capabilities for MDA Executing Agent locations (with the exception of Federal Office Building 2 after FY 2011), such as physical and technical security, legal services, travel and agency training, office and equipment leases, rents and utilities, data and unified communications support, supplies and maintenance, and similar operating expenses. Also includes legal settlements, and foreign currency fluctuations on a limited number of foreign contracts. In keeping with congressional intent, PWS is allocated among the PEs on a pro-rata basis and therefore fluctuates by year based on the total MDA budget and the individual PE's budget amount.  Funding for the FY 2010 accomplishments is reported in prior year budget project ZX40 (\$2,583).											
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)								FY 2010	FY 2011	FY 2012	
Title: Civilian Salaries and Support  Articles:  Description: See Description Below  FY 2010 Accomplishments: Funding for the FY 2010 accomplishments is reported in prior year budget project ZX40 (\$2,583).  FY 2011 Plans: See paragraph A, Mission Description and Budget Item Justification  FY 2012 Plans: See paragraph A, Mission Description and Budget Item Justification								-	2.312	1.690	
								0	0	0	
Accomplishments/Planned Programs Subtotals								-	2.312	1.690	

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2012 Missile Defense Agency		<b>DATE:</b> February 2011
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 4: <i>Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0603898C: <i>BMD JOINT WARFIGHTER SUPPORT</i>	<b>PROJECT</b> MD40: <i>Program-Wide Support</i>
<b>C. Other Program Funding Summary (\$ in Millions)</b> N/A		
<b>D. Acquisition Strategy</b> N/A		
<b>E. Performance Metrics</b> NA		